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MARSHALL'S SEEDS



W. E. MARSHALL & CO.
166 W. 23rd Street, New York

W. E. MARSHALL

1913

A. E. WHEELER

Annual Spring Catalogue

ORDER EARLY.

We request our customers to order as early as possible on receipt of catalogue. We endeavor to ship all orders immediately on receipt, but during the busy season it is almost impossible; hence, the importance of ordering early.

FREE DELIVERY.

Within a radius of 100 miles from New York City we deliver free any order entirely composed of Seeds or Bulbs amounting to two dollars or over, providing cash accompanies the order.

We deliver free by mail all flower and vegetable seeds by the packet, ounce and pound.

If beans, corn and peas are wanted by mail, add to remittance at the rate of 5 cents per pint and 10 cents per quart.

Fertilizers, insecticides, sundries, trees and plants are at all times excluded from free delivery.

No charge for packing or delivery to railroad station, steamer or express office.

We do not offer premiums, but enclose with cash orders a liberal collection of seeds for trial.

GARDENERS AND FARMERS.

Parties requiring the services of reliable men, married or single, should consult with us, as we have the names of a number on our register, thoroughly experienced in every branch of the business. We have a large acquaintance among gardeners in this vicinity, and it is seldom that any one who applies to us fails of getting the right party. No fee.

NURSERY DEPARTMENT

We beg to call the attention of our patrons to our complete Catalogue (mailed free upon request) containing all kinds of

**ROSES, FRUIT TREES, SHRUBS, EVERGREENS,
DECIDUOUS TREES AND HARDY PLANTS.**

W. E. MARSHALL & CO.

**TELEPHONE
8238 CHELSEA**

166 WEST 23rd STREET, NEW YORK

LOCATION OF OUR STORE.

Our store, No. 166 West 23rd Street, is situated near Seventh Avenue, between Sixth and Seventh Avenues

Out of town customers can reach us by the Penn. or Long Island R. R. from the 33rd Street station by the Seventh Ave. surface car to 23rd Street. By the Erie, D. L. & W. or Penn. R. R. by the Hudson Tunnels to 23rd Street and Sixth Avenue.

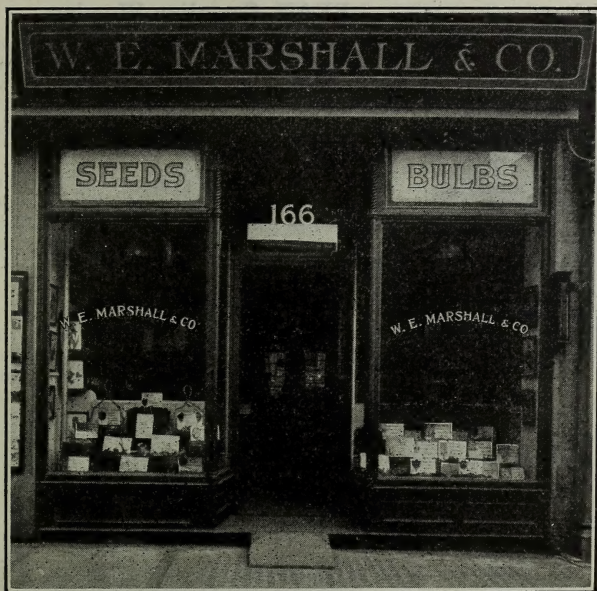
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Removal Notice -:- Note New Address

W. E. MARSHALL & CO.

166 West 23rd Street

NEW YORK.

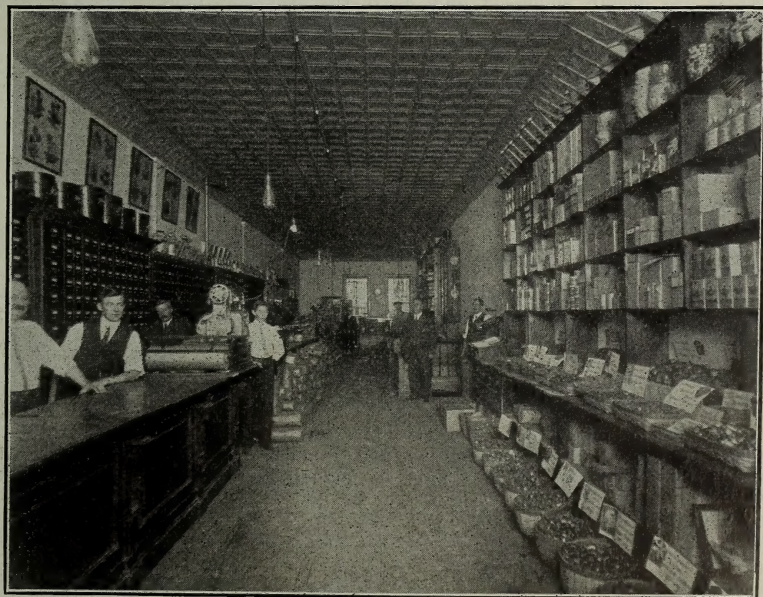


Outside of our Store.

We carry in
stock a general
line of

SEEDS,
BULBS,
Horticultural
SUNDRIES,
POULTRY
REMEDIES;
also
TREES,
PLANTS,
SHRUBS,
ROSES
and
ROOTS

in their season
of planting.



Interior of our Store.

W. E. MARSHALL & CO., 166 West 23rd Street, New York.

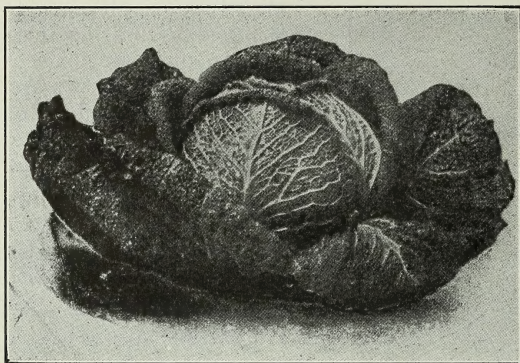
It gives us pleasure to announce that our business has outgrown our space at 146 West 23rd Street and that we have moved to 166 West 23rd Street.

Our present location comprises a large store and basement; where we have better facilities for handling our increased trade.

The illustrations give views of the outside and interior of our new store.

We are conveniently located near all the large stores in the retail shopping district of the City and always welcome our out of town patrons and friends.

SPECIALTIES AND EXHIBITION STRAINS IN VEGETABLES



Cabbage. Marshall's Exhibition Savoy.

BRUSSELS SPROUTS, Marshall's Exhibition.

Produces an abundant crop of large solid sprouts, delicious in flavor. For exhibition purposes this fine variety is unequalled and in cannot be surpassed for general cultivation. (See cut page 12.) Pkt., 10 cts.; oz., 50 cts.

CABBAGE, Marshall's Exhibition Savoy.

The heads are of medium size and mature early, the leaves are deeply embossed and distinctly ornamental. Pkt., 10 cts.; oz., 50 cts.

CARROT, Marshall's Exhibition.

A superb type of Intermediate Carrot. The skin is clear, bright in color, and the flesh close in texture, with very small core. In competition on the exhibition stage this variety has carried off more prizes than any other Carrot. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$2.50.

CARROT, Marshall's Intermediate.

This is a carefully selected stock for exhibition purposes. The color and quality are perfect. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., \$1.00.

CAULIFLOWER, First and Best.

An exceptionally good variety for forcing under glass, being very dwarf and robust, and producing large heads of snowy whiteness. This is undoubtedly the earliest and best forcing Cauliflower in cultivation. Pkt., 50 cts.; $\frac{1}{4}$ oz., \$2.50; oz., \$8.00.

CELERY, Winter Queen.

This is the finest variety for winter use and, if properly stored, will keep till May. The stalks blanch to a creamy white and are very crisp, with a good solid heart. Pkt., 5 cts.; oz., 25 cts.

BEAN, Canadian Wonder.

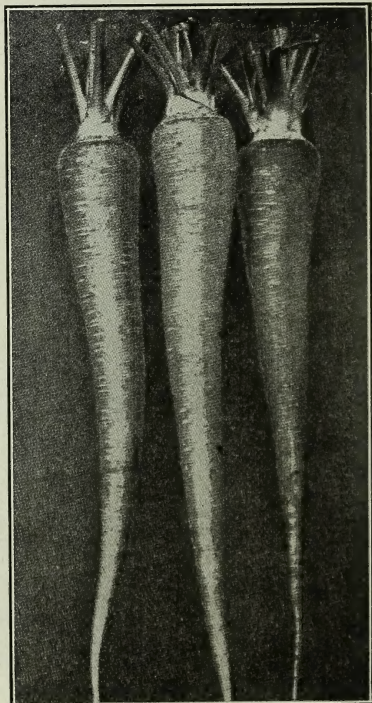
A much stronger grower than other dwarf varieties. Large green pods; fine for exhibition or table use. Should be sown thinly. Per pint, 20c.; quart, 35c.

BEET, Sutton's Blood Red.

Roots medium size, symmetrical in form, and unrivalled for the exhibition stage. Flesh rich in color and choice flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

BEET, Sutton's Globe.

The form is much rounder than the Egyptian variety. For exhibition purposes it has been eminently successful; quality good and of fine flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



Marshall's Exhibition Carrot.

SPECIALTIES IN VEGETABLES—Continued.**SWEET CORN, Earliest Nordheim.**

This is the earliest Sweet Corn grown. It grows six to seven feet high and produces three or four ears to each stalk of the finest quality. Pint, 25 cts.; quart, 40 cts.

SWEET CORN, Golden Bantam.

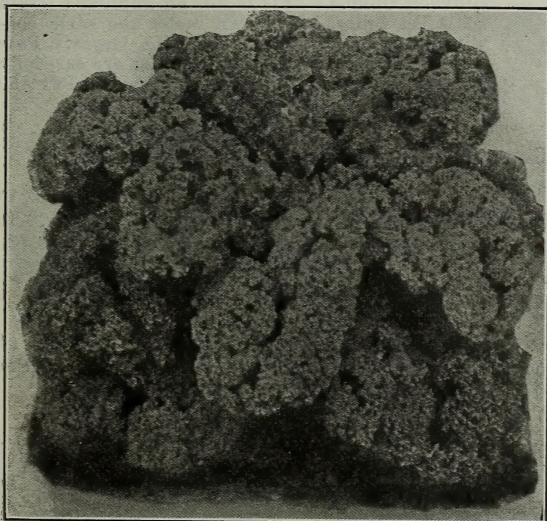
This is the hardest and earliest Sweet Corn in cultivation. It is dwarf in growth, the stalks averaging 4 feet in height. The ears are from 5 to 7 inches in length, and the grains are a rich creamy yellow. It has a most delicious sweet flavor. Pkt., 10 cts.; pint, 15 cts.; quart, 30 cts.

CUCUMBER, Davis Perfect.

The most popular cucumber of the extra long, white spine type. Color dark green, extremely vigorous and productive, equally good for indoor or outdoor planting. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

CUCUMBER, Sutton's Matchless.

One of the most prolific frame varieties, which has proved to be a marked success on the exhibition stage. Fruit smooth, dark green and highest quality. Pkt. (10 seeds), 25 cts.



Kale. Marshall's Exhibition Curled.

EGG PLANT, Black Beauty.

This beautiful variety is a great improvement over the New York type. The skin is a rich purplish-black color, making the fruit very attractive in appearance. It is also entirely spineless and very early. Pkt., 10 cts.; oz., 40 cts.

K A L E,**Marshall's Exhibition Curled.**

This is really the handsomest Kale that has ever come under our notice, and is entirely distinct from other strains. The closely curled, handsome leaves are most attractive. A fine exhibition plant of medium height. Pkt., 10 cts.; oz., 25 cts.

LEEK, Marshall's Giant.

The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild and delicious flavor. Pkt., 10 cts.; oz., 40 cts.

L E T T U C E, Eclipse Cos.

A perfectly distinct variety. It is the dwarfest Cos Lettuce, and produces a firm crisp heart quicker than other sorts, and is the most self-folding variety. Pkt., 10 cts.; oz., 40 cts.

L E T T U C E, Wayahead.

This is the earliest and surest heading Lettuce grown. It is earlier and larger than May King, more tightly folded and with smaller amount of outer foliage. The leaves are light green and heads blanched to a rich yellow tint. Pkt., 10 cts.; oz., 40 cts.

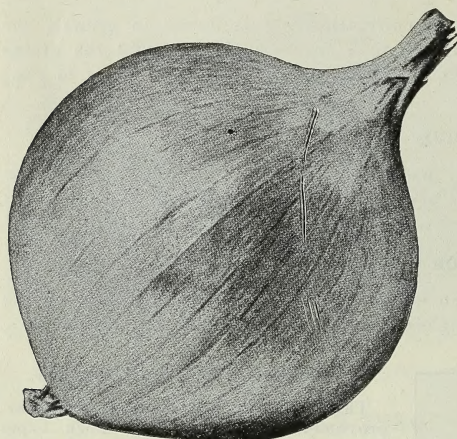
M E L O N, Heytesbury King.

A large forcing variety with a finely netted golden yellow skin, thick green flesh and fine flavor. Pkt., 25 cts.

SPECIALTIES IN VEGETABLES—Continued

WATER MELON, Fordhook Early.

The earliest large fruited Water Melon in cultivation. It has a dark green with stripes of light green skin. Flesh bright red, very sweet and fine flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.



Invincible Giant Onion.

ONION, Alisa Craig.

The skin is a pale straw color, and oval in shape. Excellent for exhibition purposes. The seed we offer is imported and grown from a selected strain. Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 50 cts.

ONION, Cranston's Excelsior.

This is the leading English Exhibition variety, and well deserves its popularity. It is very large and handsome, inclined to globular in shape, and of beautiful straw color. Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 50 cts.

ONION, Invincible Giant.

The latest and most important novelty in exhibition Onions. This is not an improved strain of Alisa Craig, but grown under the same conditions, produces bulbs one-third larger. Pale yellow in color. The seeds we offer are carefully selected for us by an English grower. Pkt., 50 cts.; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

NEW PEA. Remarkable. (Johnsons.)

We have pleasure in offering this as the most productive Pea of its class. It grows 2 to $2\frac{1}{2}$ feet in height, is literally covered with very fine pods, containing as many as 12 peas. It belongs to the second early class. Per pint, 40 cts.; quart, 80 cts.

NEW PEA. The Leader.

This is a selection of the rounder seeds of Gradus, and while retaining the earliness of that variety, the pods are larger and produces in greater abundance. Height 3 feet. Per pint, 40 cts.; quart, 80 cts.

PARSLEY.

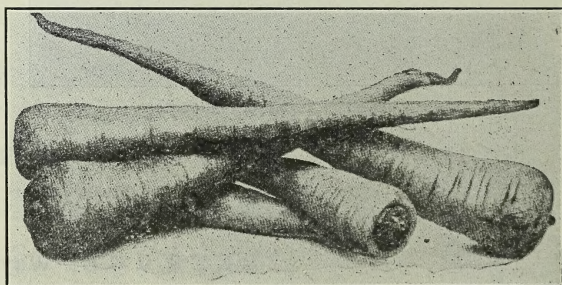
Marshall's Dwarf Perfection.

A dwarf and compact Parsley of bright green color, exquisitely curled and highly ornamental for garnishing purposes. Fine for pot culture. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

PARSNIP.

Marshall's Marrow.

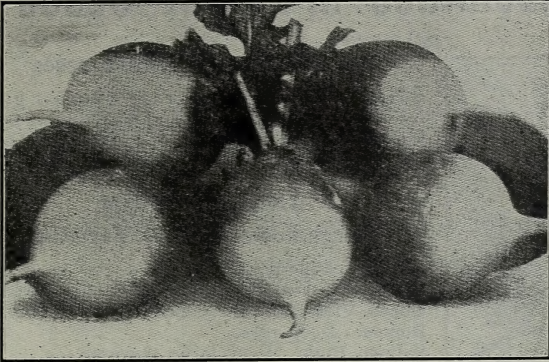
This is a choice selection of the English Marrow variety, grown in England specially for us. The roots are clean and white of the finest quality. As an exhibition variety this has no equal. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.



Marshall's Marrow Parsnip.

O K R A, Perkins' Improved.

The pods are produced in great abundance and when ready to use are from 4 to 5 inches in length, of a handsome green color, and best quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

SPECIALTIES IN VEGETABLES—Continued.

Radish. Marshall's Perfection.

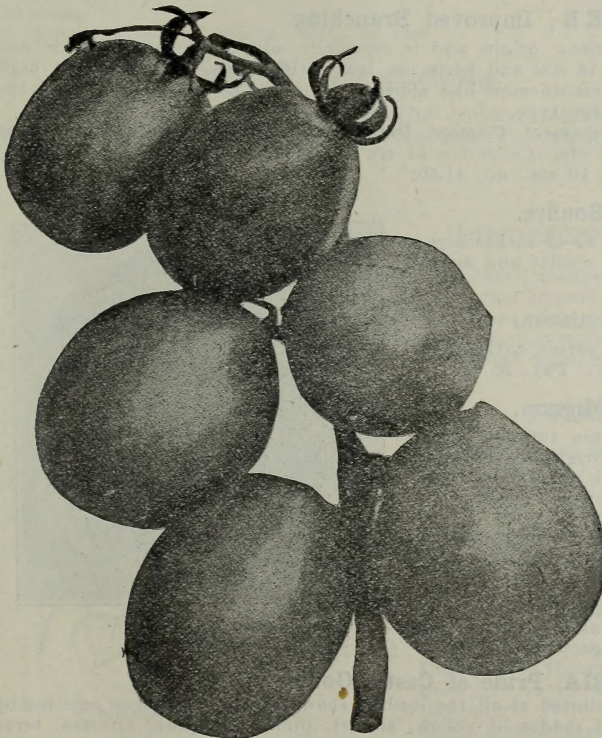
NEW RADISH.**Marshall's Perfection.**

As will be seen from the cut, this radish is a very attractive variety. The white tip extends nearly half way up the root, and the brilliant red color of the top shows up in strong contrast.

Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.

TOMATO, Marshall's Prolific.

For forcing we can strongly recommend it as being the best variety, as it sets very freely and is an exceptionally heavy cropper. For outside planting it is the earliest variety grown, an enormous cropper, of medium size, producing as many as thirty Tomatoes on a truss. The fruit is a bright scarlet color, perfectly smooth, flesh solid, and contains very few seeds. Pkt., 25 cts.

TOMATO. The Marshall.

Tomato. The Marshall.

This is the greatest cropper we have ever seen, very early, medium height and light foliage.

One of its greatest features are that it starts to crop immediately and produces enormous bunches of medium, oval shaped, bright red fruit, often forty or more on a cluster.

Plants under good cultivation will produce 40 to 60 lbs. of fruit. When grown outside the bunches are very compact but under glass they hang down 12 to 18 inches.

Per pkt., 25 cts.

I must congratulate you on securing the Marshall Tomato. I grew it last summer both indoors and out and must give it due praise. One plant gave ripe fruit in July and on Nov. 21 has fully 50 ripe fruit on it; though not so large as the first crop.

I have grown Tomatoes for 40 years but would never believe it possible for a plant to bear so abundantly. The plants do not run to wood as other varieties do, but build up enormous bunches of fruit, 30 to 50 on a bunch. One cluster of ripe fruit weighed 5 lbs. when cut.

The flavor is all that can be desired.

W. H. Daniels,
Mamaroneck, N. Y.

TURNIP, Selected White Milan.

The Milan Turnips are among the earliest in cultivation; roots flat; medium size, quite smooth. Fine for exhibition or family use. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.

Novelties and Specialties in Flower Seeds



Aster, Improved Branching.

ASTER, Improved Branching.

This superb strain is of American origin, and is especially adapted to our climatic conditions. The flowers are very large in size and borne on long, stiff stems, 2 to 2½ feet high. The petals are long, giving a Chrysanthemum-like appearance to the flower. They flower two or three weeks later than the average type.

We offer the following colors separate: **Crimson, Dark Blue, Light Blue, Pure White, Rose, Shell Pink.** Pkt., 10 cts.; ¼ oz., 60 cts. Collection of six varieties, 50 cts.

Finest Mixed. All colors. Pkt., 10 cts.; oz., \$1.50.

BEGONIA. Gracilis Bonfire.

A new bedding Begonia about 12 to 15 inches high; large flowers of a brilliant carmine scarlet and satiny brownish red foliage. Pkt., 35 cts.

BEGONIA. Gracilis luminosa.

Flowers fiery deep scarlet with a satiny dark brown red foliage. A fine bedding variety. Pkt., 25 cts.

BEGONIA. Gracilis Mignon.

A dwarf compact bedding Begonia forming dense bushes 7 to 8 inches high; flowers bright scarlet with golden yellow stamens. Foliage dark green, edged and marbled reddish brown. Pkt., 25 cts.

BEGONIA. Tuberous-rooted. "Victoria."

A new type of Begonias without being really double presents a two or three fold layer of petals with curled and many edges that extend over the whole surface of the flower. The plants grow strongly and compactly and produce flowers well above the foliage. Pkt., 35 cts.

AMBERBOA Muricata rosea.

Extremely free-blooming hardy annual, growing about 2 feet in height and producing large Cornflower like flowers, of a pleasing pink color. Fine for cutting. Pkt., 10 cts.

ANTIRRHINIUM.

Large-flowered Tall Varieties.

Crescia. Fine dark Scarlet.

Defiance. A new brilliant cinnabar scarlet.

Queen Victoria. Large pure white.

Romeo. Deep rose.

Salmon Pink. Very large flowers.

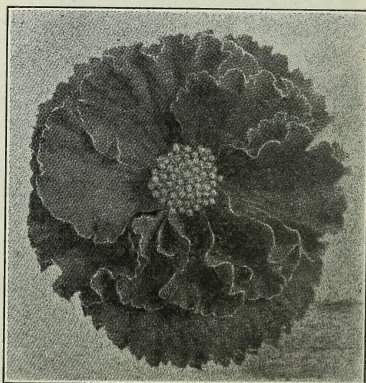
Ruby. New, very brilliant.

Any of the above per pkt. 10 cts. Collection of 6 varieties 50 cts.

ANTIRRHINIUM. Venus.

A lovely pink shade on a white ground with a pure white throat. The long stems are covered with flowers of the finest form.

Price: Pkt., 20 cts.



Begonia. Victoria.

CELOSIA, Pride of Castle Gould.

This grand novelty has been exhibited at all the leading shows where it has been admired by every one. The colors range in all shades of yellow, scarlet, pink, rose pink, crimson, terra cotta, etc. Plants are of branching habit and attain a height of 3 to 4 feet and for decorative purposes they cannot be excelled. Pkt., 25 cts.

COSMOS. Crimson Ray.

A distinct new type of Cosmos. The flowers are many petaled and the petals are narrow and fluted, serrated in star form and of brilliant crimson color. Pkt., 20 cts.

Novelties and Specialties in Flower Seeds.

CELSIA. Arcturus.

A splendid half hardy greenhouse plant with long spikes of bright yellow flowers. If sown in the spring the plants will flower the same summer. Pkt., 25 cts.

CINERARIA. Grandiflora Prize Mixed.

We pride ourselves in offering the choicest strain of this gorgeous flower. Grand large blooms in umbel spikes are borne way above the foliage, colors and markings are superb. 2½ feet. Pkt., 50 cts.

CINERARIA. Grandiflora Dwarf Prize Mixed.

This strain is just as choice as above, but differs in height. Grows but 15 to 18 inches high. Pkt., 50 cts.

CYCLAMEN. Persicum Giganteum.

A magnificent strain of Cyclamen with flowers of extraordinary size and substance. The leaves are large and very beautifully marked with silver gray.

Separate colors. Crimson, Lilac, Pink, Red and White. Pkt., 50 cents.

Finest mixed, all colors. Pkt., 50 cts.

CYPERUS. Albrechtshoehe.

A handsome new Cyperus with graceful drooping leaves ¾ in. broad and 3 feet long. Adapted for fountains and water tanks or as a pot plant. (See cut.)

Price: Pkt., 25 cents.



Celsia Arcturus.

DIMORPHOTECA. Aurantiaca hybrida.

In habit, growth and foliage the new hybrids are like the parent Dimorphothea Aurantiaca. The colors vary from pure white to sulphur, lemon, orange, salmon rose, and varieties with different colored zones.

Selected hybrids in mixture, pkt., 15 cts.

GLOXINIA. Giant Hybrids.

This is the finest type of Gloxinia. The flowers are of enormous size, massive and upright in growth, with the throat wide open. The strain includes self-colors, spotted and marked sorts, embracing pure white, pink, scarlet, crimson, lilac, violet-purple and deep purple. Pkt., 50 cents.

GYPSOPHILA. Elegans Carminea.

Splendid carmine rose flowering strain, much brighter than the old Gypsophila elegans rosea. The plants grow about 10 to 12 inches in height, and are very free flowering. Very useful for bouquets, vases and other floral arrangements. Pkt., 10 cts.



Cyperus. Albrechtshoehe.

LOBELIA. Hybrida Saphir.

A vigorous growing variety, specially adapted for hanging baskets. Large intense deep blue flowers with a conspicuous pure white eye. Pkt., 35 cts.

Novelties and Specialties in Flower Seeds—Continued.



Pansy. Princess.

MIGNONETTE, "Majesty."

This is a very select strain of greenhouse grown Mignonette, producing spikes of very large size. The seed we offer is grown from selected spikes specially for us by a large grower. Pkt., 50 cts.

PANSY, Marshall's Matchless Mixture.

This consists of all the newest named varieties in mixture, and include selections of Giant Cassiers, Bugnots, Giant English, Odiers, etc. Pkt., 25 cts.; oz., \$8.00.

PANSY. Princess.

A class of Pansy which by its erect habit marks itself as an entirely new type. The stalks are unusually firm and strong and rise vertically from the root. The flowers show an extensive range of colors. Pkt., 25 cts.

PENTSTEMON Hartwigii Albus.

A new variety of the large Gloxinia blooming Pentstemon. The spikes produce an abundance of white flowers. Pkt., 35 cts.

PETUNIA Hybrida Grandiflora fimbriata nana.

A compact growing upright Petunia, attaining only 8 inches in height. Flowers large, finely fringed and various colors. Pkt., 50 cts.

PRIMULA. Malacoides.

This sterling novelty is known as the "Giant Baby Primrose," is well worthy of culture. It makes a handsome pot plant and is a profuse bloomer. Fine for decorative purposes. Price, Pkt. 25 cts.

PRIMULA. Malacoides alba.

A pure white flowering variety. The seedlings will flower about 4 months after being sown. Valuable for winter flowering. Pkt., 35 cts.

PRIMULA. Sinensis Fimbriata Superb.

Our strain of Primulas has been the greatest surprise to some of the most critical florists and gardeners. Seed is grown by a specialist in England, who raises nothing but Primulas and who is renowned for having the finest Primulas in the old country.

Separate colors. Pure White, Salmon Pink, Deep Blue and Chiswick Red, each. Pkt., 50 cts.

Finest mixed, all colors. Pkt., 50 cts.



Primula Malacoides.

PRIMULA. Obconica Gigantea.

Our improved strain of Primula Obconica Gigantea is vastly superior to the old type; the flowers are nearly twice as large, with many new and exquisite colors.

Separate colors. White, Lilac, Crimson, Rose. Pkt., 25 cts.

Finest mixed. All colors. Pkt., 25 cts.

Novelties and Specialties in Flower Seeds—Continued.

PYRETHRUM. Comet Flowered.

A selection of the Perennial Pyrethrum Roseum Grandiflorum Hybridum. The flowers are large, either single or semi-double, and of the most bizarr form, the petals being rolled and twisted. Fine for cutting. Mixed colors. Pkt., 25 cts.

STOCKS. Ten-Week.

Marshall's Giant Perfection.

An extra fine strain, which has been carefully selected from the choicest flowers. We can recommend this strain with the greatest confidence as being the best ever offered. The plants attain a height of 2 feet, and are of handsome pyramidal form, with a branching habit.

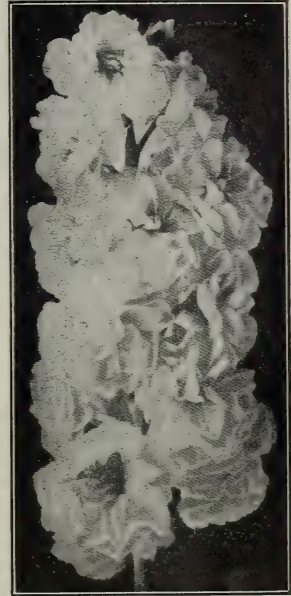
We offer the following colors: Blood Red, Dark Blue, Crimson, Flesh Color, Light Blue, Pure White, Rose, Scarlet and Yellow.

Separate colors. Pkt., 15 cts.; $\frac{1}{8}$ oz., \$1.00.

Mixed all colors. Pkt., 10 cts.; $\frac{1}{8}$ oz., 75 cts.

STOCK. Large Flowering White Lady.

A fine type of the Empress Elizabeth class, with the same vigorous growth, but differing by the pure white color of its large flower trusses. Pkt., 25 cts.



Stock. White Lady.

ZINNIA. Elegans Grandiflora Robusta.

For the first time we are able to offer distinct colors of these Giant Zinnias, which have been carefully selected. The plants are of extremely robust habit and produce flowers measuring 5 to 6 inches across, with 300 petals and upwards.

Separate Colors. White, purple, crimson, scarlet, yellow and rose. Pkt., 10c. Collection, 6 colors for 50 cts.; per oz., \$1.00.

Superb Mixed. All colors. Pkt., 10 cts.; oz., 75 cts.

We shall be pleased to supply any other Novelties not offered in our list at advertised prices.

LILY OF THE VALLEY PIPS FROM COLD STORAGE.

We have in storage a large quantity of Berlin and Dresden Pips for forcing at any season of the year.

Marshall's Best Berlin Pips. Per 250 \$6.50; per 500 \$12.00; per 1000 \$22.00.

Marshall's Matchless Dresden Pips. Per 250 \$7.00; per 500 \$13.00; per 1000 \$25.00.

LILIES FROM COLD STORAGE.

Lilium Multiflorum. Bulbs 9 to 10 inches. Per 100 \$18.00.

Lilium Multiflorum Giganteum. Bulbs 8 to 10 inches. Per 100 \$18.00.

Lilium Speciosum Album. Bulbs 8 to 9 inches. Per 100 \$16.00.

Lilium Speciosum Magnificum. Bulbs 9 to 11 inches. Per 100 \$17.00.

Lilium Auratum. Bulbs 9 to 11 inches. Per 100 \$18.00.

"THE ALLPROOF" PLANT LABEL.

Made with zinc, having a white enameled surface for the name which is covered with a glass slide.



No. 1 x 3½-in. long.	For Hanging	Per doz. 60c.	Per 100 \$6.00
No. 2 x 6 -in. long.	For open ground or pot work.....	" " 60c.	" " 6.00
No. 3 x 8 -in. long.	For open ground or pot work.....	" " 70c.	" " 7.00

New Chrysanthemums.

Our stock of new Chrysanthemums are grown for us by C. H. Totty, which is sufficient guarantee that all will be strong, clean and healthy.

C. J. Vert. Chestnut-scarlet, very large flower.

Gertrude Peers. A duplicate of Pockets Crimson, except that the golden reverse never shows and every bud throws a perfect flower.

Miss Clara Banghart. Color a warm chestnut, a good flower and strong grower.

Miss Hazel DeForest. A buff-terracotta on early crowns but the late ones show splendid flowers of wine-red.

Mrs. D. F. Roy. A beautiful incurving mahogany-red, stems stiff.

Mrs. G. Lloyd Wigg. Light yellow, fine exhibition flower.

Mrs. G. W. C. Drexel. Incurving pink, stem very rigid and a large flower.

Mrs. W. Hookey. Lemon yellow with buff shadings; very strong grower.

Mrs. W. E. Tricker. Lovely flower of the Enchantress shade of pink.

Ursula Griswold. A soft creamy white, with long, narrow petals; a good grower and a grand exhibition variety.

Any of the above varieties. Each \$2.00. Per dozen \$20.00.

Annie L. Agnus. A duplicate of Madame Carnot, save that it is a much stronger grower. Color white.

Jennie. A white Japanese, perfect stem and foliage.

Mrs. Gilbert Drabble. Purest white, the finest novelty of last year.

Mrs. A. M. Henshaw. A beautiful incurved white of the purest possible color.

Mrs. Peter Duff. Color old rose shading to cerise; stem and foliage perfect.

Mrs. Robert D. Foote. A flower of the largest size; color mahogany crimson.

Mrs. Harry Turner. A lovely crimson variety of good size and flower.

Mrs. G. W. Burke. A splendid flower of bronzy yellow.

Ramapo. The same color and all the good points of Appleton.

William Kleinheinz. A chestnut red of the very largest size.

Any of the above varieties; each, 50 cts.; dozen \$5.00.

EXHIBITION CHRYSANTHEMUMS.

Col. Appleton. The best yellow.

F. S. Vallis. Very large yellow.

Harry E. Converse. Bronze.

Lady Hopetown. Fine pink.

Naomah. Incurved white.

Onunda. Creamy white.

Poughkeepsie. Incurved creamy white.

Pockett's Crimson. Crimson.

Pockett's Surprise. Rosy crimson.

R. F. Felton. Deep yellow.

Tarrytown. A beautiful light pink.

Wm. Turner. Pure white.

W. Duckham. A very fine pink.

Yellow Miller. Yellow.

The above varieties; each, 25 cts.; dozen, \$2.50.

For Hardy and other varieties of Chrysanthemums see page 57.

NEW CARNATION. Wm. Eccles.

The greatest novelty of the year. Has the color of Flamingo; a strong, rigid stem, a perfectly formed flower, non-bursting calyx, highly perfumed, a grand keeper and as free as any scarlet to date. Awarded the first prize at the Carnation Societies convention for the best 100 blooms, red or scarlet.

Rooted cuttings. Per dozen, \$3.00; per 100, \$15.00.

Plants from 2½ inch pots. Per dozen, \$3.50; per 100, \$20.00.

NEW CARNATION. Enchantress Supreme.

The best sport from Enchantress up to date. Color a light salmon pink, which does not bleach under full exposure to the sun.

Rooted cuttings. Per dozen, \$4.00; per 100, \$18.00.

NEW GERANIUM. Helen Mitchell.

This grand variety is a semi-double, of the clearest possible shade of scarlet. It blooms very early and exceptionally free during the entire season.

Plants for spring delivery; per dozen, \$3.75; per 100, \$25.00.

NEW LOBELIA. Mrs. Clibran.

A new variety that flowers the entire summer and will stand the sun without being scorched in hot weather. Color, a rich purple, with white eye. We recommend it for bedding.

Plants from 2½ inch pots. Per dozen, \$1.25; per 100, \$8.00.

NOVELTIES IN ROSES.

- Mrs. George Shawyer.** The finest new pink Rose. A wonderful grower, freer than Killarney. The best color, keeper and shipper of any rose introduced.
- Own root stock. \$7.50 per doz.; \$40.00 per 100. Grafted stock. \$8.00 per doz.; \$45.00 per 100.
- Milady.** A Hybrid Tea, the result of a cross between Richmond and J. B. Clark. Color similar to Richmond. The flower is large, beautiful in form, of good substance and delightfully fragrant. Growth strong and vigorous.
- Own root stock. \$6.00 per doz.; \$45.00 per 100. Grafted stock. \$6.50 per doz.; \$50.00 per 100.
- Mrs. Charles Russell.** A great Rose in every way; big as American Beauty, with as delightful fragrance, color a lighter shade of cerise, a splendid keeper and will last four times as long as Beauty.
- Own root plants. \$9.00 per doz.; \$50.00 per 100. Grafted stock. \$12.00 per doz.; \$55.00 per 100.
- Sunburst.** The color is orange-copper or golden-orange and golden-yellow, all intense shades, extremely brilliant in effect. It has a long pointed bud, stem is always stiff, and is extraordinary vigorous and healthy.
- Own root stock. \$3.00 per doz.; \$22.00 per 100. Grafted stock. \$3.50 per doz.; \$25.00 per 100.
- Double White Killarney.** This is the grandest forcing Rose that has ever been offered. It is pure white, with size, substance and petalage, and as a winter forcer, it has no equal.
- Own root stock. \$2.50 per doz.; \$18.00 per 100. Grafted stock. \$3.00 per doz.; \$22.00 per 100.
- Killarney Queen.** A cerise pink, with the same petalage as Killarney, but in growth and character of bloom it is stronger and heavier than Killarney.
- Own root stock. \$3.00 per doz.; \$22.00 per 100. Grafted stock. \$3.50 per doz.; \$25.00 per 100.
- Radiance.** Deep pink, shading lighter as the flower opens. A very strong grower and no blind shoots.
- Own root stock. \$2.50 per doz.; \$18.00 per 100. Grafted stock. \$3.00 per doz.; \$22.00 per 100.

ROSES FOR FORCING.

We can supply the following varieties for delivery in spring.

American Beauty.	Golden Gate.	Mrs. Taft.	Richmond.
Bridesmaid.	Killarney.	Mrs. Aron Ward.	Souv. Pres. Carnot.
Kaiserin.	Liberty.	Perle des Jardin.	Sunset.
Lady Hillingdon.	My Maryland.	The Bride.	White Killarney.

Plants from 2½ in. pots. Own Root. \$2.25 per dozen; \$15.00 per 100.
Grafted stock. \$3.00 per dozen; \$20.00 per 100.

For other varieties of Roses see page 58.



Mallow Marvel.

MALLOW MARVELS.

These Giant Marshmallows are adapted for all kinds of plantings and thrive in swampy or dry places. They are perfectly hardy and well adapted for naturalizing, individual specimens or borders. They grow from 5 to 7 feet, are very floriferous and bloom from July till late in the Fall.

Red, Pink and White. 2 year old roots. Each, 50 cts.; dozen, \$5.00; 100 \$35.00.

NEW GRAPE "CACO."

This Grape is a cross between Catawba and Concord. Color rich red, bunch large and compact, berry medium to large similar to Concord, season early and strong grower.

Strong Vines, each \$1.00; dozen \$10.00.

NEW RASPBERRY. St. Regis Everbearing.

This variety has been termed the early till late variety; for it is the first red Raspberry to give ripe fruit, while it continues to produce berries until late in October. The fruit is of the highest grade, brilliant crimson in color and fine flavor. Very hardy. Transplanted plants, per dozen, \$1.25; per 100, \$9.00.

NOVELTIES IN CACTUS DAHLIAS.

Crystal. White in center, passing to deep silvery pink. Very free flowering.

Dr. Roy Appleton. A beautiful light lemon-yellow, changing to salmon at the tips of petals.

Irresistable. Color yellow, but suffused with rose. Very large flowers on strong stems.

Mrs. Douglas Fleming. The finest white Cactus; large massive flowers with stiff stems.

Strong plants of the above \$1.00 each.

Arthur Pickard. One of the finest all-round cactus. Very light delicate shade of pinkish salmon.

Aviator. Color quite distinct and unusual in Dahlias, being a bright magenta.

Dawn. An exceptional color, being yellow at the base, deepening to cerise, with yellow tips.

Johannesburg. A monster flower, bright gold.

Jupiter. The best fancy Cactus. Pink ground, with yellow base, splashed with crimson.

Red Admiral. A brilliant rich fiery scarlet.

Strong plants of the above 75 cts. each.

\$7.50 per dozen.

SPECIAL COLLECTION CACTUS DAHLIAS.

Armentine Desleins. Perfect form, creamy yellow, suffused with violet rose.

Auburn Beauty. A very pleasing shade of bronze, passing to yellow at the center.

C. E. Wilkins. An exquisite shade of bright, clear salmon-pink.

Debutante. The coloring is very beautiful, light pink shading to white.

Ethel Yeatman. Quite a distinct shade of shell pink, with salmon center.

Mad. Henri Cayeux. Beautiful light rose-pink, shading to white in center.

Reine Cayeux. Rich glowing blood-red. Very free flowering.

Rev. T. W. Jamieson. The central petals are yellow changing to lilac-rose.

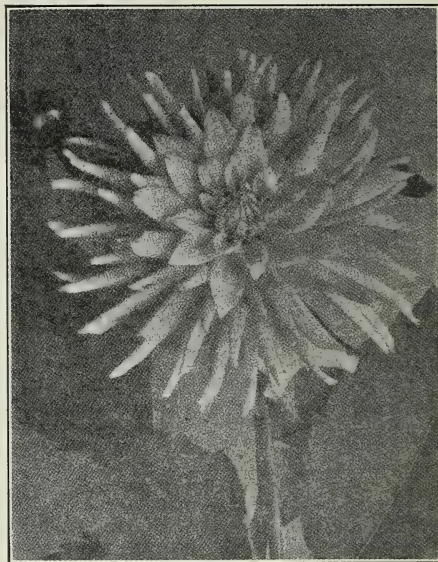
Rheinkonig. An ideal white Cactus. Large flowers.

Satisfaction. A very beautiful flower of the most incurved type.

Snowstorm. A large bold white flower, habit dwarf and sturdy.

Wellington. A glowing crimson-scarlet, shading to purple at the tips.

Strong plants of the above 50 cts. each or collection of 12 for \$5.00.



Cactus Dahlia.

NEW PAEONY-FLOWERED DAHLIAS.

Alice. Brilliant carmine, shaded lake.

Belfast Gem. Light pink, shaded carmine.

Betty. Lovely deep pink.

Cochineal. Cochineal red, shaded fawn.

Engineer. Bright lake, suffused yellow.

Matador. Terra cotta, suffused lake.

Pembroke. Bright carmine, shaded white.

Picador. Deep blush, shaded lilac.

Purity. Pure white.

The Duchess. Lake, shaded crimson.

Plants of the above ready in May. Each \$1.25. Set of 10 varieties \$10.00.

For general collection of Dahlias, all varieties, see page 61.

NEW GLADIOLUS. Peace.

The grandest of all Gladioli. The flowers are large, of perfect form, and correctly placed on a heavy, straight spike. They are white, of rare purity, with pale lilac feathering on the interior petals. For cutting and decorative work it is unapproached. Each 30 cts.; dozen \$3.00; 100 \$20.00.

NEW GLADIOLUS. Pink Beauty.

A very beautiful variety, flowering about a month before any other Gladiolus; it is also a fine forcer. A strong grower and fine for cutting. Color bright rose-pink, with a darker blotch. Each 10c.; doz. \$1.00; 100 \$8.00.

GLORIOSA. Superba Grandiflora.

This magnificent greenhouse plant is adapted for specimen plants or as a greenhouse climber. The flowers are a deep, rich orange-yellow, shaded crimson. They are also fine for cutting and table decorations. Strong bulbs. Each \$1.00; dozen \$10.00.

GLORIOSA. Rothschildiana.

The flowers of this variety are bright scarlet with yellow center. Strong Bulbs. Each \$2.00; doz. \$20.00.

MARSHALL'S SELECT VEGETABLE SEEDS

WITH GENERAL DIRECTIONS FOR CULTIVATION.

We Deliver Free all Vegetable Seeds in packets, ounces and quarter-pounds, when ordered by mail from this Catalogue.

When Seeds in bulk are ordered by mail, postage must be added to catalogue prices at the rate of 8 cts. per pound; 15 cts. per quart for peas or beans, and 10 cts. per quart of corn.

Unless postage is sent with mail orders for these items we shall be obliged to reduce quantities to make up the deficiency.

W. E. MARSHALL & CO. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



Globe Artichoke.

ARTICHOKE.

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and one foot apart. Transplant to rows 3 feet apart. They reach maturity the second year, protect in winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt., 10 cts.; oz., 35 cts.

ARTICHOKE PLANTS.

Large French Globe. Plants ready for shipment after April 1st. Per doz., \$1.50; per 100, \$10.00.

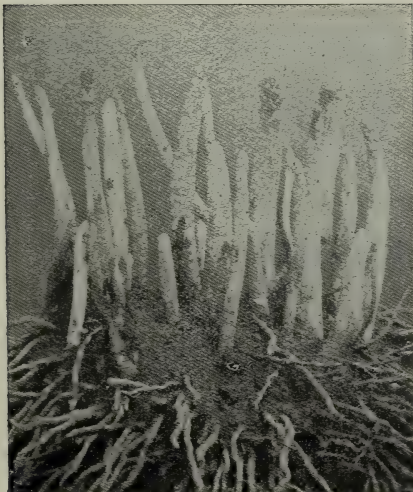
Jerusalem. Grown for the tubers, which resemble potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt., 20 cts.; pk., \$1.25.

ASPARAGUS.

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.
Conover's Colossal. Very large prolific and tender	\$0.05	\$0.10	\$0.20
Palmetto. A fine variety, producing large green asparagus .....	.05	.10	.20
Columbian Mammoth White. Large white stalks .....	.05	.10	.20



Asparagus.

ASPARAGUS ROOTS.

It requires 100 plants for a single row of 150 ft.

CULTURE. The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in the rows, carefully spreading out and separating the roots, and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top dressing of manure after the stalks have been cleared away.

TWO-YEAR-OLD ROOTS.

	Per 100	1,000
Palmetto. Large bright green.....	\$0.80	\$6.00
Conover's Colossal. Early deep green..	.80	6.00
Giant Argenteuil. Very large.....	.80	6.00
Columbia Mammoth. White.....	.80	6.00

THREE-YEAR-OLD ROOTS.

	Per doz.	100	1,000
Palmetto	\$0.25	\$1.25	\$10.00
Conover's Colossal .....	.25	1.25	10.00
Giant Argenteuil .....	.25	1.25	10.00

BEANS

Beans like a well-drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

ENGLISH OR BROAD BEANS.

Sow in drills 2 feet apart, as early in the spring as the ground can be worked (these are as hardy as Peas), in order to get them into pod before the heat of summer.

One quart will plant 100 feet of drill.

Early Long Pod. The earliest and most prolific. Per pint, 20 cts.; qt., 35 cts.

Broad Windsor. The largest variety grown. Per pint, 20 cts.; qt., 35 cts.

DWARF OR BUSH GREEN-PODDED SNAP BEANS.

One quart will plant 100 feet of drill.

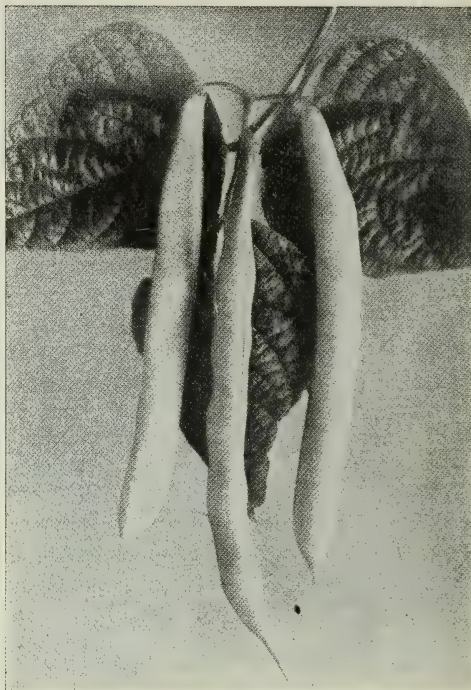
	Per Pkt.	Pint	Quart	Peck
Black Valentine. Resembling the Valentine, but with black seed; long, round, solid pods; very early.....	\$0.10	\$0.20	\$0.40	\$2.50
Bountiful. Early, very prolific and long-bearing; flat, green pods, tender and stringless.....	.10	.15	.30	2.00
Dwarf Horticultural. Late and productive; flat stringless pods.....	.10	.20	.35	2.00
Early Mohawk. Long, straight, flat pods, early, hardy and productive.....	.10	.15	.30	2.00
Extra Early Refugee. Two weeks earlier than the Late Refugee, very prolific.....	.10	.15	.30	2.00
Extra Early Valentine. One of the earliest. Round, thick, solid pods; tender, fine flavor.....	.10	.15	.30	2.00
Giant Stringless Green Pod. This bean is absolutely stringless. The pods are round and full.....	.10	.20	.40	2.50
Green-seeded Flageolet. Used as a shell-bean when green.....	.10	.20	.40	2.50
Longfellow. Long, straight, round, solid green pods; very early.....	.10	.15	.30	2.00
Long Yellow Six Weeks. Very early with full, flat pods.....	.10	.15	.30	2.00
Refugee, Late, or 1,000-to-1. Medium to late; very productive and tender; largely grown for main crop; round pod.....	.10	.15	.30	1.75
Stringless Green Pod. An early round green-podded bean; stringless..	.10	.20	.35	2.00
Wonder of France. A good forcing variety.....	.10	.20	.40	2.50
White Kidney. Excellent shell, or string bean.....	.10	.15	.25	1.75
White Marrow. For use in a dry state in winter, or as a string bean..	.10	.15	.25	1.75

DWARF WAX-PODDED BEANS.

One quart will plant 100 feet of drill.

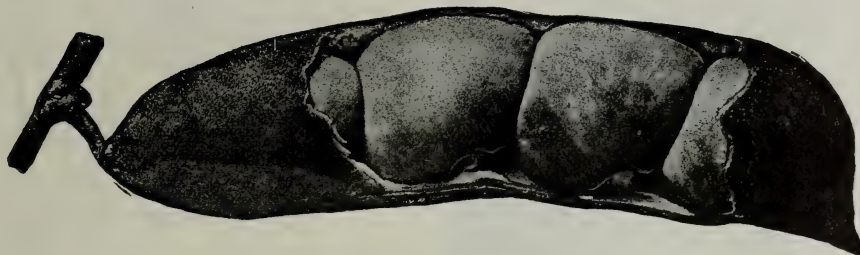
	Per Pkt.	Pint	Quart	Peck
Black Wax, Currie's Rust Proof. Large flat pods, early.....	\$0.10	\$0.20	\$0.35	\$2.00
Black Wax, Improved Prolific. The pods are round, and of fine quality.....	.10	.20	.35	2.00
Davis White Kidney Wax. Long, waxy white; flat pods.....	.10	.20	.35	2.25
Flageolet Red Wax. Flat, yellow, stringless pods.....	.10	.20	.35	2.00
Golden Wax Improved. Very early; flat pods, long, stringless.....	.10	.20	.35	2.00
Golden-Eyed Wax. Very hardy and prolific, with flat, yellow pods.....	.10	.15	.30	2.00
Refugee Wax. A Refugee with long round, wax pods; stringless.....	.10	.20	.35	2.00
Valentine Wax. A perfect Valentine Bean, with wax pods.....	.15	.25	.50	3.50
Wardwell's Kidney Wax. Early; long, flat, wax pods.....	.10	.20	.35	2.00
Yosemite Mammoth Wax. Long, thick, solid pods; finest quality.....	.15	.25	.50	3.50

We mail all Pkts. of Beans Free. Postage, per quart, 15 cts. extra.



BUSH LIMA BEANS

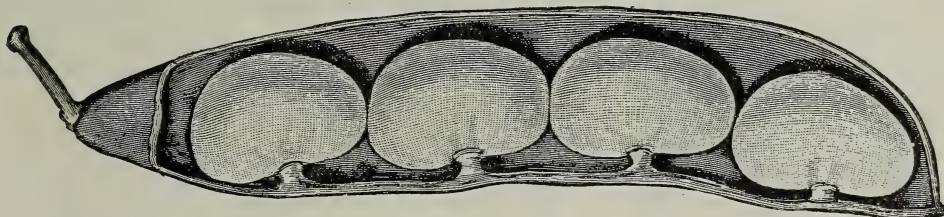
One quart will plant 100 feet of drill.



Fordhook Bush Lima Bean.

	Per Pkt.	Pint	Quart	Pk.
BURPEE'S BUSH LIMA. A bush form of the large flat Pole Lima. It is an immense yielder.....	\$0.05	\$0.20	\$0.35	\$2.25
DREER'S BUSH LIMA. This Bean possesses all the good qualities of the Dreer's Pole Lima.....	.10	.20	.35	2.25
FORDHOOK BUSH LIMA. It is of erect habit; beans very large and heavy cropper.....	.10	.25	.45	2.50
IMPROVED (BURPEE'S) BUSH LIMA. An improved form of Burpee's Bush Lima having much larger pods and beans.....	.10	.25	.45	2.50
THORBURN DWARF LIMA. The dwarf form of our famous Challenger Lima—the finest of Limas. Is exceedingly productive.....	.10	.20	.35	2.25
HENDERSON'S BUSH LIMA, or DWARF SIEVA. Productive.....	.10	.15	.30	2.00

POLE OR RUNNING BEANS.



Leviathan Pole Lima Bean.

Sow from the first of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed.

Set poles 4 feet apart each way, and plant 4 to 6 Beans about 1 inch deep, around each pole. Thin out to 3 plants to a pole, if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

	Per Pkt.	Pint	Quart	Pk.
Challenge Lima. Thick and productive. Best of all.....	\$0.10	\$0.20	\$0.35	\$2.25
Dreer's Improved Lima. A great improvement upon the Large Lima, being more productive and of better quality.....	.10	.20	.35	2.25
Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness....	.10	.20	.35	2.25
Large White Lima. One of the best shell beans grown; matures in ninety days; very popular. Our seeds of this variety are extra selected large and fine.....	.05	.20	.35	2.00
Leviathan Lima. The earliest variety of Pole Lima; produces pods in clusters. A good variety where the season is short.....	.10	.20	.35	2.25
Sieva or Carolina. Small size, early and prolific.....	.10	.20	.35	2.25
Dutch Case Knife. Pods long, green and flat; can be either snapped or shelled.....	.10	.15	.30	2.00
Golden Cluster Wax. Long golden yellow pods in cluster.....	.10	.20	.35	2.25
Horticultural Pole. Good as a snap or shell bean.....	.10	.15	.30	2.00
Kentucky Wonder (Old Homestead). Pods green, very long and flat.....	.10	.20	.35	2.25
Scarlet Runner. A popular English pole bean; very ornamental....	.05	.20	.35	2.25

We mail all Pkts of Beans Free. Postage, per quart, 15 cts. extra.

BEET

One ounce will sow 50 feet of drill.

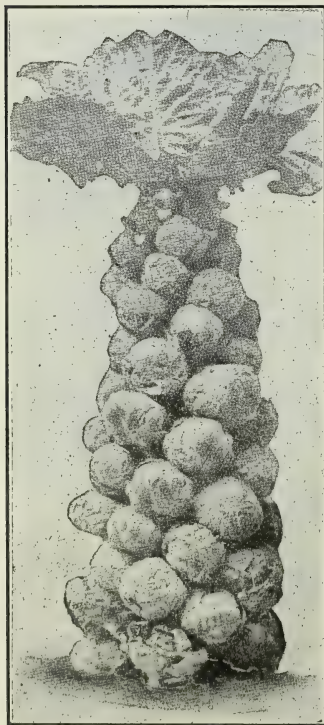
For early supply sow as soon as the ground is in working order, in drills one foot apart and two inches deep. For main crop, sow the second week in May, and for winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops pulled out of the row, are excellent, used as Spinach.

	Per Pkt.	Oz.	¼ Lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use....	\$.05	\$0.10	\$0.30	\$1.00
Early Eclipse. Very early, dark blood color, small top .....	.05	.10	.30	1.00
Edmand's Early Blood Turnip. Deep blood skin, and very dark flesh of best quality.....	.05	.10	.30	1.00
Extra Early Egyptian. The best for first crop out-of-doors. The root is very dark red, flat.....	.05	.10	.30	1.00
Crosby's Egyptian. Extra early, round, dark red .....	.05	.10	.30	1.00
Columbia. Round, smooth-skinned, blood-red flesh .....	.05	.10	.30	1.00
Crimson Globe. Fine globular shape; flesh deep purple; fine quality.	.05	.10	.40	1.25
Detroit Dark Red Turnip. Round; skin dark blood-red; flesh bright red	.05	.10	.30	1.00
Dewing's Early. Of fine form and flavor, and good for market....	.05	.10	.30	1.00
Lentz, Extra Early. Fine, round form, very smooth; light red flesh..	.05	.10	.30	1.00
Long Smooth Blood. A prolific variety, very dark in color.....	.05	.10	.30	1.00
Sutton's Blood Red. The finest strain of long beet for exhibition....	.10	.20	.60	2.00
Sutton's Globe. A perfect globe shaped variety.....	.10	.20	.60	2.00
Swiss Chard. The roots of this variety are of no value, but the leaves are superior to those of the ordinary beet, and excellent as greens.	.05	.10	.20	.60
Swiss Chard, Giant Lucullus. An improved variety .....	.05	.15	.40	1.00

MANGEL-WURZEL.

Sow 6 to 8 pounds per acre.

	¼ Lb.	Lb.
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	\$0.20	\$0.75
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.20	.75
Champion Yellow Globe. Bright orange color, globe-shaped and of excellent quality.....	.20	.75



Exhibition Brussels Sprouts.

SUGAR BEET.

	¼ Lb.	Lb.
Klein Wanzleben. The most popular variety; root conical, straight, and even.....	\$0.20	\$0.75
Imperial White Sugar. An old variety of the Sugar Beet, valued for its productiveness and large percentage of sugar.....	.20	.75
Vilmorin's Imperial Sugar. An improved French variety .....	.20	.75

BROCCOLI.

For Cultural Directions see Cauliflower.

	Per Pkt.	Per Oz.
Purple Cape. A greenish purple variety....	\$0.10	\$0.40
White Cape. Heads compact and of a creamy white color .....	.10	.50

BRUSSELS SPROUTS.

One ounce will produce about 2,000 plants.

Sow in May, in shallow drills, 1 inch deep and 12 inches apart. Transplant in July. A very hardy delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

	Per Pkt.	Per Oz.
Marshall's Exhibition. The finest variety of all the Brussels Sprouts. Very large and of superior quality	\$0.10	\$0.50
Long Island Improved. This variety produces solid, round sprouts of the best quality..	.05	.30
Improved Dwarf. A dwarf variety, producing numerous heads .....	.05	.20

CABBAGE

One ounce will produce 3,000 plants.

For early use sow the seeds in hotbeds in February or March, or it may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in Spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use sow the seed in May, and set out the plants in July, 2½ by 3 feet.

All Head, Early. The largest heading of the second early sorts. The deep, flat heads are remarkably solid, and very uniform in size. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., \$1.00.

	Jersey Wakefield Cabbage.	Per Pkt.	Oz.	¼ Lb.
All Seasons. A popular variety as a second early .....	.05	.20	.60	
Autumn King. One of the finest late cabbages ever offered .....	.05	.20	.60	
Danish Ball Head. Very round, solid winter sort, largely grown for the market. A fine shipper.....	.10	.35	1.00	
Early Flat Dutch. A second early cabbage; large solid heads.....	.05	.20	.60	
Early Spring. An extra early cabbage, with a round flat head.....	.05	.25	.75	
Early Jersey Wakefield. The standard early variety; conical in shape; few outside leaves .....	.05	.30	1.00	
Early Winnigstadt. Conical shape; quality very good. This variety is especially adapted for light soils.....	.05	.30	1.00	
Improved Early Summer. Resembles the Early Flat Dutch. A superior second early sort.....	.05	.20	.60	
Large Late Flat Dutch. The heads are large and solid, with few outer leaves .....	.05	.20	.60	
Large Early York. A fine early sort; solid heads and of good size.....	.05	.20	.50	
Large Late American Drumhead. One of the largest and best keeping varieties. Fine keeper.....	.05	.20	.50	
Succession. About one week later than the Early Summer, but double the size. Large solid heads.....	.05	.25	.75	

RED CABBAGE.

Large Red Drumhead. Heads round, solid, and deep blood-red in color. Medium size .....	.05	.20	.60
Mammoth Rock Red. The largest red cabbage; color deep red; a sure-heading sort .....	.05	.25	.75
Early Red Erfurt. A standard variety; heads solid and large size.....	.05	.20	.60

SAVOY CABBAGE.

Early Dwarf Ulm. A very early dwarf variety of fine quality.....	.05	.25	.70
Perfection Drumhead. A large improved strain. Strong and vigorous grower .....	.05	.25	.70



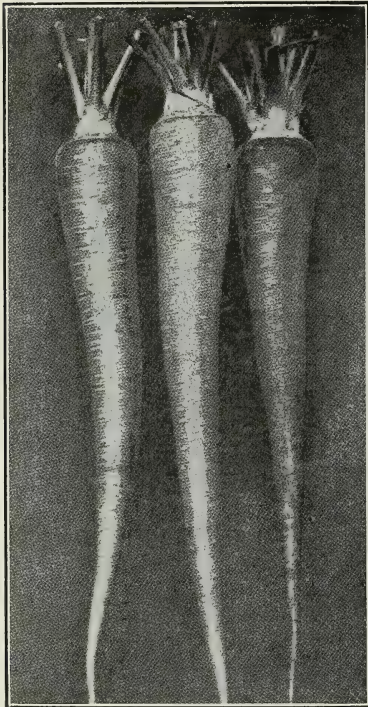
Jersey Wakefield Cabbage.



Perfection Drumhead Savoy Cabbage.



Late Flat Dutch Cabbage.



Marshall's Exhibition Carrot.

CARROTS

One ounce will sow 100 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and $\frac{1}{2}$ inch deep. Thin out the young plants to 5 inches and keep the surface open by a frequent use of the hoe.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Early Forcing. Tender and fine; best for early crops and frames..	\$0.05	\$0.20	\$0.75	\$2.00
Early Scarlet Horn. Very thick roots; fine for frames.....	.05	.15	.50	1.75
Chantenay Half Long Stump. Style of Nantes, broader shoulder.....	.05	.15	.50	1.50
Danver's Half Long. Large; of good quality and productive; one of the most popular sorts.....	.05	.15	.50	1.50
Half Long Stump-rooted, Nantes Strain. Very popular .....	.05	.15	.50	1.50
Long Orange. For garden and field crops this is the best variety grown	.05	.15	.50	1.50
Marshall's Exhibition. A superb intermediate variety, skin clear, bright red color .....	.10	.25	1.00	2.50
Marshall's Intermediate. Fine exhibition variety .....	.10	.25	1.00	2.50
New York Market. Bright orange color. It has a small core; is crisp, tender and sweet.....	.05	.15	.50	1.50
Oxheart (Guerande). Very thick and short .....	.05	.15	.50	1.50
St. Valery. A thick, intermediate long red .....	.05	.15	.50	1.50
White Belgian. Very large; for stock .....	.05	.10	.30	1.00

CARDON.

Large Solid. Grows about 4 feet high; leaves nearly free from spines. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

CAULIFLOWER.

One ounce of seed produces about 3,000 plants.

By sowing the early varieties in a hot-bed in February or March, or later in a cold-frame, fine heads can be obtained quite early. When large enough, transplant, making the rows about $2\frac{1}{2}$ feet apart and 8 inches between the plants. Transplanting should be done in moist weather.

Marshall's First and Best. Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown; fit to cut in early June. Per pkt., 50 cts.; $\frac{1}{4}$ oz., \$2.25; 1 oz., \$8.00.

Earliest Dwarf Erfurt. The best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves. Per pkt., 50 cts.; $\frac{1}{4}$ oz., \$1.75; oz., \$6.00.

Extra-Early Snowball. One of the best for forcing under glass or for open ground. Pkt., 25 cts.; $\frac{1}{4}$ oz., 75 cts.; oz., \$2.50.

Gilt-Edge. Large, heavy sort; the best and surest of all

Denmark. On the style of Large Erfurt; very fine

Dry-Weather. This variety is especially adapted for sections subjected to long, dry seasons

Early Erfurt. Popular with market gardeners for late crop

Extra-Early Paris. Heads of medium size; first-class

Lenormand Short-Stem. Has very large heads; white and firm

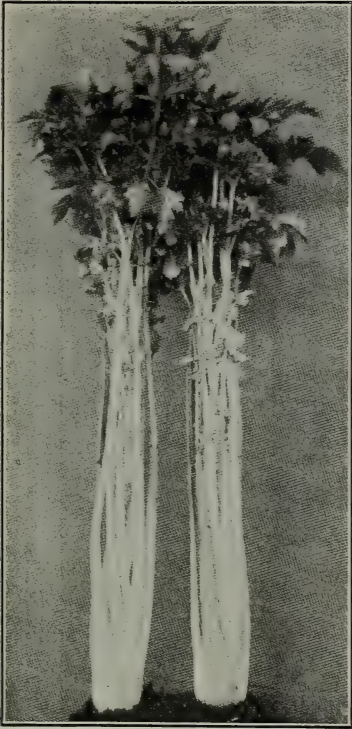
Autumn Giant. Vigorous in growth and very large; late

Algiers. An extra fine late variety, suitable for market and sure to head....



First and Best Cauliflower.

	Per Pkt.	$\frac{1}{4}$ Oz.	Oz.
Gilt-Edge. Large, heavy sort; the best and surest of all	\$0.25	\$0.75	\$2.50
Denmark. On the style of Large Erfurt; very fine .....	.20	.60	2.00
Dry-Weather. This variety is especially adapted for sections subjected to long, dry seasons .....	.20	1.00	2.50
Early Erfurt. Popular with market gardeners for late crop .....	.10	.75	2.25
Extra-Early Paris. Heads of medium size; first-class .....	.10	.25	.75
Lenormand Short-Stem. Has very large heads; white and firm .....	.10	.25	.75
Autumn Giant. Vigorous in growth and very large; late .....	.05	.15	.40
Algiers. An extra fine late variety, suitable for market and sure to head....	.05	.20	.70



Marshall's White Plume Celery.

CELERY

One ounce will sow about 300 feet of a row and produce about 5,000 plants.

Sow in the open border early in April, in rich ground. When the plants are 3 inches high, transplant 4 inches apart into temporary beds of soft rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart, and set 8 inches apart in the rows. After the planting nothing further is necessary for 6 or 7 weeks, except running through between the rows with the cultivator or hoe, and freeing the plants from weeds. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use. After the soil has been drawn up against the plant with the hoe it is further pressed close around each plant by the hand, firm enough to keep the leaves upright and prevent them from spreading, using care to prevent the soil falling into the heart of the plant.

Cooper Cutting. This variety is grown for soup greens only. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

Fin de Siecle. The largest, hardiest and best-keeping winter celery. Pkt., 5 cts.; oz., 25 cts., $\frac{1}{4}$ lb., 75 cts.

Giant Pascal. The stalks are solid and crisp; golden-yellow heart. Pkt., 5 cts.; oz., 20 cts., $\frac{1}{4}$ lb., 60 cts.

Golden Dwarf, or Golden Heart. A distinct variety. Crisp, solid, fine flavor. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Golden Self-Blanching. French grown. Crisp, tender and of fine flavor, and is the earliest variety grown. Pkt., 25 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

Market Red. Large and very solid. A fine table variety. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

Marshall's White Plume. A valuable early variety, requires very little blanching. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.
Perfection Heartwell. Medium height and blanches well .....	.05	.20	.60
Pink Plume. Strong, compact grower; stems solid and crisp .....	.05	.25	.75
Schumacher. A large growing sort, solid, crisp and of a fine nutty flavor....	.05	.25	.75
Winter Queen. Very large; solid green, winter variety, blanches well .....	.05	.25	.75
Celery Seed. Used for flavoring only.....		.10	.15

CELERIAC, or TURNIP-ROOTED CELERY.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.
Large Erfurt. A standard variety, producing turnip-shaped roots .....	.05	.20	.60
Giant Prague. The finest variety yet introduced .....	.05	.25	.75

CHERVIL.

The Curled Chervil is cultivated like parsley and used for garnishing and flavoring soups and salads. The seed of the tuberous-rooted is sown in August and treated like the carrot.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.
Curled Chervil. The young leaves are used for flavoring soups and salads..	\$0.05	\$0.15	\$0.50
Tuberous-Rooted. The roots make a most delicious vegetable .....	.05	.15	.40

CHICORY.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.
Common, or Wild. Sow in June, the roots are transplanted in Autumn into sand, in a cellar. The young shoots form the Barbe de Capucin the celebrated salad of France .....	.05	.15	.30
Large-Rooted Magdeburg. Used to mix with or a substitute for coffee. Cultivated the same as carrot .....	.05	.15	.40
Witloof. Sow in June and transplant in September. Bank up like Celery in the fall. Commonly called French Endive .....	.05	.15	.40

COLLARDS.

Sow seed, as for cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia. Pkt., 5 cts.; oz., 10 cts., $\frac{1}{4}$ lb., 25 cts.

CORN SALAD OR FETTICUS.

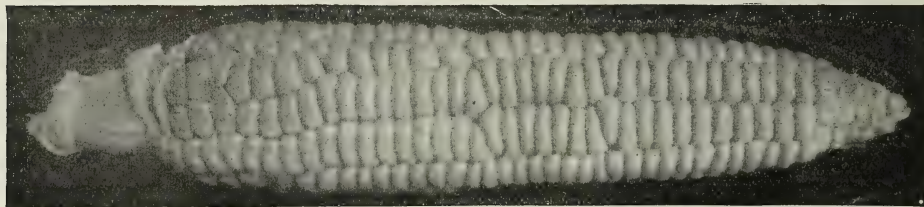
One ounce will sow 150 feet of drill.

Sow in September in drills eight inches apart, covering the seeds lightly and protect from frost by a light covering of hay and litter. The seed may be sown in Spring.

Large-Seeded. The most popular variety grown..Pkt., 5cts.; oz. 10cts.; $\frac{1}{4}$ lb., 25 cts; lb., 75 cts.

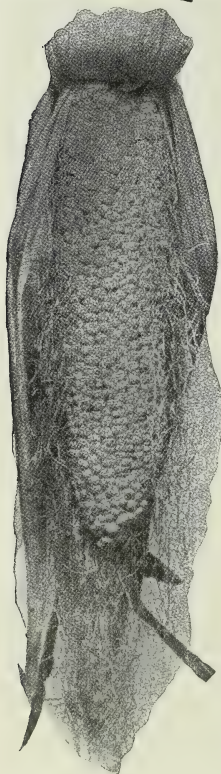
SWEET CORN

One quart will plant 200 hills.



Golden Bantam Sweet Corn.

Plant in hills three feet apart each way, dropping five or six kernels in each hill, or in rows three to four feet apart, and the plants thinned out to eight or nine inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.



Country Gentleman Corn.

EXTRA-EARLY.

	Per Pt.	Qt.	Pk.
Extra Early Red Cory. Of great value for its earliness	\$0.15	\$0.25	\$1.50
Early Minnesota. One of the earliest varieties grown; dwarf; ears small .....	.15	.25	1.50
Golden Bantam. Extra-early; yellow; very sweet and tender .....	.15	.30	2.00
Kendel's Giant. Large variety, and fine quality..	.15	.25	1.50
Mammoth White Cory. Ears double the size of the old Cory .....	.15	.25	1.50
Peep O'Day. One of the earliest; very sweet....	.15	.25	1.50
White Cory. Resembles the ordinary Cory, but with white cob .....	.15	.25	1.50

SECOND EARLY.

Crosby's Early. One of the standard early sorts..	.15	.25	1.50
Early Champion. Large; white cob; very sweet..	.15	.25	1.50
Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen .....	.15	.25	1.50
Early Mammoth. Ten days earlier than Mammoth.	.15	.25	1.50
Metropolitan. Large, handsome ears of fine quality.	.15	.25	1.50
Moore's Concord. A standard variety for family use; ears large .....	.15	.25	1.50
Perry Hybrid. A large variety; sweet and tender..	.15	.25	1.50
Squantum, or Potter's Excelsior. Good-sized ears..	.15	.25	1.50

GENERAL AND LATE.

Black Mexican. The sweetest and most delicious variety grown .....	.15	.25	1.50
Country Gentleman. Ripens about the same time as Stowell's Evergreen. Ears medium size, deep grains in irregular rows on cob, and deliciously sweet .....	.15	.25	1.50
Late Mammoth. The largest late variety grown..	.15	.25	1.50
Stowell's Evergreen. The most popular variety grown; late; ears large and very sweet.....	.15	.25	1.25

POP-CORN.

White Rice, White Pearl, Golden Queen, per lb., 15 cts.
 Packets of all varieties of corn, 10 cts. each, post free.
 Postage, per pint, 5 cts.; per quart, 10 cts. extra.

CRESS OR PEPPERGRASS.

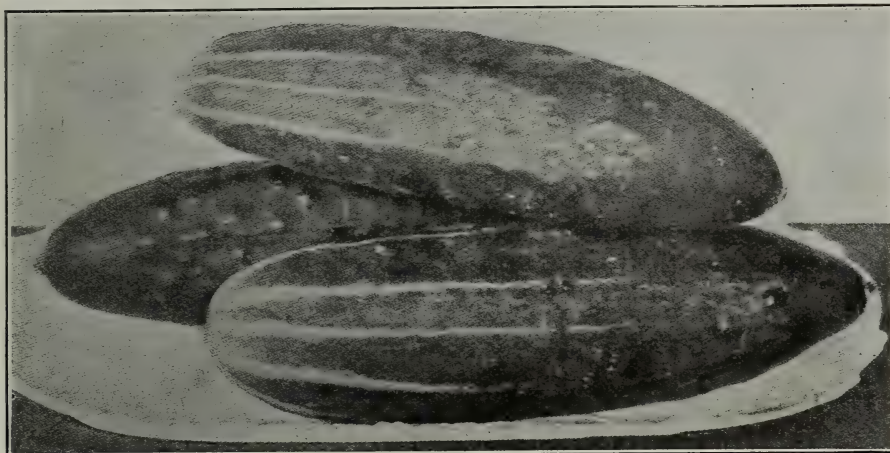
One ounce will sow 150 feet of drill.

A popular salad which should be sown early in the Spring very thickly in shallow drills, and at short intervals for succession, as it soon runs to seed.

	Pkt.	Oz.	¼ Lb.
Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing.....	\$0.05	\$0.10	\$0.20
Upland, or Broad-Leaved Winter. A garden substitute for Water Cress. Crisp, tender and perfectly hardy.....	.05	.10	.25
True Water Cress. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.....	.05	.40	1.25

CUCUMBERS

One ounce to fifty hills; two to three pounds to one acre.



Improved White Spine Cucumber.

For very early use, seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early cucumber plants, as they can readily be lifted from the hot-bed to the garden without disturbing the young plants growing upon them. For main crop, plant in hills four feet apart, at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered hellebore. Leave four strong plants to each hill.

	Pkt.	Oz.	¼ Lb.
Cool and Crisp. A strain of White Spine, flesh peculiarly crisp and tender.	\$0.05	\$0.15	\$0.50
Cumberland. A variety of the hardy white spine type .....	.05	.15	.40
Davis Perfect. An excellent variety both for outdoor and forcing purposes. ....	.05	.20	.50
Early Cluster. Prolific, tender and crisp; about five inches long, good color .....	.05	.15	.40
Everbearing. Valuable as a green pickler.....	.05	.15	.50
Extra Long White Spine. Much longer than ordinary White Spine; very prolific .....	.05	.15	.40
Green Prolific Pickling. Dark green; medium length; very free bearer ....	.05	.15	.50
Improved Long Green. Long and crisp; a popular variety for pickles.....	.05	.15	.50
Improved White Spine. Early and good for table use or for pickling; of medium length, dark green color, and flesh crisp and excellent.....	.05	.15	.40
Japanese Climbing. This is a strong and vigorous grower. Fine for pickling .....	.05	.15	.40
West India Gherkin. Used only for pickles; the smallest of all varieties....	.10	.40	1.00
Lemon Cucumber, or Garden Lemon. An almost round variety; yellow and green markings; tender and of sweet flavor. Resembles a lemon in appearance .....	.05	.20	.50

ENGLISH CUCUMBERS FOR FRAMES.

Telegraph, Duke of Edinburgh, Tender and True, Covent Garden Favorite, Lockie's Perfection, Lord Kenyon's Favorite Pkt. of 10 to 15 seeds 25 cts.

DANDELION.

The Dandelion affords one of the earliest and most healthful Spring greens or salads. It is best when blanched. Sow early in Spring, in drills 18 inches apart, and thin out to 6 inches in the drills. Keep clear of weeds, and the following Spring it will be fit for the table.

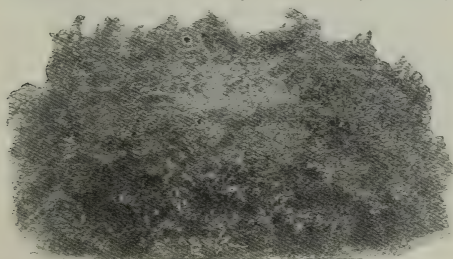
Improved French. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

ENDIVE.

One ounce of seed for 75 feet of drill.

One of our best salad plants. For a first crop, sow about the middle of April; for succession, small sowings may be made every month till August, when the main planting is made. Set out the plants one foot apart, in rows and when well grown effect blanching by folding the leaves in their natural position around the heart, and tying the outer leaves together by their tips in cone form.

Broad-Leaved. (Escarole.) Leaves long and broad, thick and succulent. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.
Green Curled. Hardy, finely curled; easily blanched, one of the best. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.
White Curled. Blanches rapidly; excellent, and very tender. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.



Green Curled Endive.

EGG PLANT

One ounce will produce about 2,000 plants.

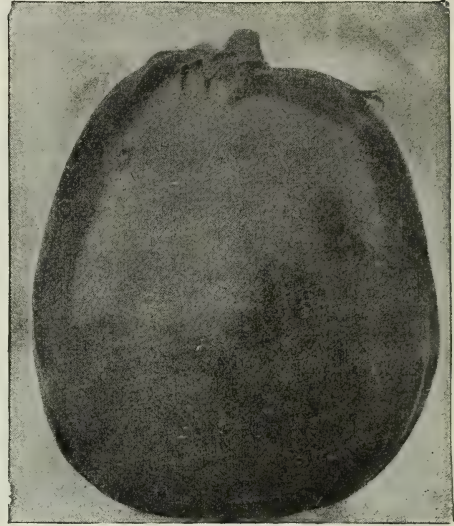
The Egg-Plant will thrive well in good garden soil. The seed should be sown in hot-bed or warm green-house in March or April, and when about an inch high, put in two-inch pots. Plant about June 1, 2½ feet apart. If no hot-bed is at hand, they can be grown in any light room where the temperature will average 75 degrees.

Black Beauty. As large as the New York Improved but about ten days earlier. Very rich purplish black. Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.25.

Black Pekin. Very fine, large globular fruit, of a dark, glossy purple color; early, solid. Pkt., 5 cts.; oz., 40 cts.; ¼ lb., \$1.25.

Long Purple. Fruit longer and smaller than the above sort; hardy, productive. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

New York Improved. Purple; the best variety; very large, oval, heavy fruit. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.



New York Improved Egg Plant.

KALE, or BORECOLE.

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating cabbage.

	Pkt.	Oz.	¼ Lb.
Curled Dwarf Green Scotch. Very dwarf and spreading, best strain.....	\$0.05	\$0.10	\$0.30
Curled Tall Green Scotch. A taller growth of the above.....	.05	.10	.30
Curled Dwarf Brown. Very hardy.....	.05	.10	.30
Curled Siberian Improved. Uniformly dwarf, green curled; hardy.....	.05	.10	.25
Sea Kale. Very fine; resembles celery.....	.10	.30	.75

KOHL-RABI.

One ounce will sow 200 feet of row.

Cultivate the same as the cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

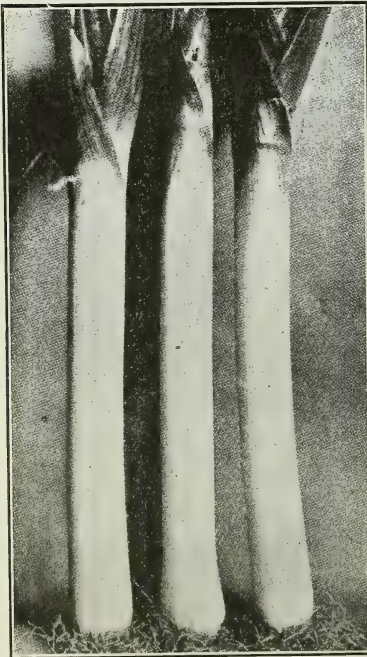
	Per Pkt.	Oz.	¼ Lb.
Early White Vienna. Handsome and delicate.....	\$0.05	\$0.25	\$0.75
Early Purple Vienna. Similar to the preceding, except in color.....	.05	.30	.85
Large White, or Green. Forms a large ball; not so fine, but more productive.....	.05	.15	.40

LEE K.

One ounce will sow 200 feet of drill.

The Leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in Spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

	Per Pkt.	Oz.	¼ Lb.
Marshall's Giant. The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild and delicious flavor.....	\$0.10	\$0.40	\$1.00
Large American Flag. The most desirable for market or family use.....	.05	.20	.50
Musselburgh, or Carentan. A very large variety of superior quality.....	.05	.20	.60



Marshall's Giant Leek.

LETTUCE

One ounce will sow 200 feet of drill.

Sow in the open ground as early as possible, barely covering the seed. If the hot-bed is used, let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the bed be about 4 inches apart. As they increase in size thin them out, or they will become weak. Lettuce generally runs to seed very early in the season, so that after warm weather sets in it is difficult to find a good head of Lettuce in most gardens. The remedy is to plant for late use in a cool, partially, shaded place, in rich soil.



CABBAGE or HEADING VARIETIES.

	Per Pkt.	Oz.	¼ Lb.
All Seasons. Large, handsome, extremely solid head; color a light grayish green.	\$0.05	\$0.20	\$0.40
Boston Market. Solid, crisp and compact. One of the best for forcing.	.05	.20	.50
Big Boston. Fine for forcing in cold frames or for open ground.	.05	.20	.50
Deacon. A splendid variety for standing the Summer heat; large solid head.	.05	.20	.50
Giant Crystal Head. Large, solid; outside leaves bright green, inside white.	.05	.20	.50
Glass House. The best variety for use under glass.	.05	.20	.50
Golden Queen. A good forcing variety of a golden yellow color, heads solid.	.05	.20	.50
Hanson Improved. Heads large, hearts quickly, and stands the Summer well.	.05	.20	.50
Maximum. The largest variety grown; makes a solid head.	.05	.20	.50
Mammoth Black Seeded Butter. A large head lettuce of splendid quality.	.05	.20	.50
May King. Extra large, round, solid heads, light green outside, with clear yellow heart; very tender and of fine flavor. Splendid forcer.	.05	.20	.50
Mignonette. Distinct russet-colored; very solid and compact.	.05	.20	.50
New York Cabbage. Large, solid heads; inside very white.	.05	.20	.50
Private Stock. A selected stock, and makes good, solid, compact heads.	.05	.20	.50
Improved Salamander. Large heads that stand the draught and heat.	.05	.20	.50
Tennis Ball. Black Seeded. A very compact head with few outer leaves; fine for forcing.	.05	.20	.50
Way Ahead. The leaves are light green, heads blanched to a rich yellow tint.	.10	.40	1.00
White Summer Cabbage. A fine Summer variety; heads of good size.	.05	.15	.40
Wonderful. It stands the heat well, making a fine variety for all seasons.	.05	.20	.50

CURLED or LOOSE-LEAVED VARIETIES.

Black-Seeded Simpson. Nearly double the size of Curled Simpson.	.05	.15	.50
Early Curled Simpson. One of the earliest and best for market.	.05	.15	.50
Grand Rapids. This is regarded as the best forcing and shipping variety.	.05	.20	.50

ROMAINE or COS VARIETIES.

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

Eclipse Cos. A perfectly distinct variety. It is the dwarfest Cos Lettuce. Firm crisp heart and self folding. Pkt., 10c.; oz., 40c.

Express Cos. A fine dwarf early sort. Pkt., 5c.; oz., 20c.

Paris White Cos. Romaine. One of the finest varieties for Summer use. The leaves should be tied up for a few days to facilitate blanching. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.

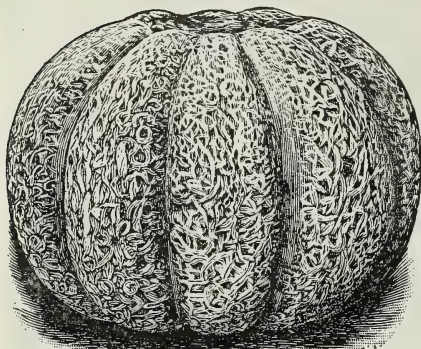
Trianon Cos. The long, narrow leaves, which form solid heads, bleach and quickly become snowy white. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.



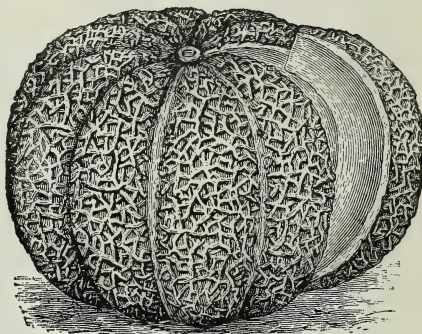
Eclipse Cos Lettuce

MELON, MUSK

One ounce will plant 80 hills.



Fordhook Musk Melon.



Hackensack Musk Melon.

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even dry road dust, are excellent to sift over young plants when the dew is on, to prevent the attacks of insects.

	Per Pkt.	Oz.	¼ Lb.
Defender. One of the best yellow-fleshed sorts, medium size, oval in shape.	\$0.05	\$0.20	\$0.60
Emerald Gem. Small, early; dark green skin, orange flesh; very sweet.	.05	.25	.75
Fordhook. The flesh is very thick, of a deep salmon color	.10	.25	.75
Hackensack. Large, round and good quality.	.05	.20	.60
Hoodoo. Nearly round, about the size of Rocky Ford. Flesh rich, deep orange	.10	.25	.75
Jenny Lind. Small, green-fleshed; very early; good quality	.05	.20	.60
Long Island Beauty. The earliest and finest in quality; green flesh.	.10	.30	1.00
Montreal Market. Large, round-netted; flesh thick and light green; late.	.05	.20	.60
Netted Gem, Round. Very early; small and of fine flavor; green flesh.	.05	.20	.50
Orange Christina. Round, very sweet and very early; orange flesh.	.05	.20	.60
Paul Rose. Oval; rich orange flesh, very sweet.	.05	.20	.60
Rocky Ford. Very sweet and fine flavored; oblong	.05	.15	.50
Tip Top. A slightly oval shape and yellow-flesh variety. Fine flavor.	.10	.20	.60

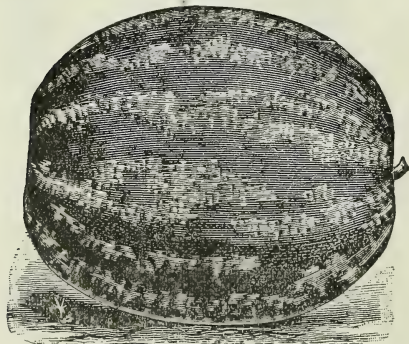
ENGLISH FORCING VARIETIES.

	Per Pkt.		Per Pkt.
Blenheim Orange. Scarlet flesh.	\$0.25	Royal Sovereign. White flesh tinged green	\$0.25
Conqueror of Europe. Green flesh.	.25	Sutton's A1. Scarlet flesh.	.25
Hero of Lockinge. White flesh.	.25	“ Emerald Gem. Green flesh.	.25
Invincible Scarlet. Deep scarlet flesh.	.25	“ Royal Jubilee. Green flesh.	.50
Royal Favorite. White flesh.	.25	“ Scarlet. Golden netted skin.	.50

MELON, WATER.

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.



Cole's Early Water-Melon.

	Per Pkt.	Oz.	¼ Lb.
Citron. Round and handsome; for preserving; red seed.	\$0.05	\$0.10	\$0.25
Cole's Early. Medium size; red flesh; green skin	.05	.10	.30
Cuban Queen. Solid and heavy; skin marked regularly	.05	.10	.25
Florida Favorite. A superior strain; oblong, green white stripes.	.05	.10	.25
Hungarian Honey. A very early sort; perfectly round, flesh red.	.05	.15	.35
Ice Cream, White Seed. Very early; red flesh	.05	.10	.25
Jordan Gray Monarch. Largest grown; crimson flesh	.05	.10	.25
Kolb Gem. Large; bright red flesh of fine quality	.05	.10	.25
Mammoth Iron-Clad. Light green skin, striped dark green.	.05	.10	.25
Mountain Sweet. Flesh red; late	.05	.10	.25
Sweetheart. Very large; bright skin	.05	.10	.25

MUSHROOM SPAWN

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate, and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds. About a fortnight or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days time. When the manure is in a condition to be made up, lay out your bed according to your requirements, say three feet wide, ten feet long, and from two to three feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces two inches square, and put them six inches apart, all over the bed; then cover the bed with two inches of rich soil, the stronger the better, but of a loamy quality, beating it down firmly with a spade. The soil used for this purpose should be in pliable condition, and not too wet or over-dry. Cover the bed with a foot of dried straw or hay; examine once a week to see if the manure is not heated while in this condition; if so, it will destroy the spawn, and necessitate spawning a second time. If everything goes on well, you may expect mushrooms in about five or six weeks.



Mushrooms.

When the soil looks dry, give a gentle watering with tepid water, using a rose on the watering pot. If the beds are made out-of-doors, protect them from rain by covering them with shutters or sashes. Good crops of mushrooms can be obtained by spawning the hot-beds in spring. They can also be raised in pots, boxes or anything capable of keeping the materials together, and placed in a cellar, closet or green-house.

Marshall's English Spawn. Per brick, 18 cts.; 10 bricks, \$1.50; per 100 lbs., \$10.00.

Pure Culture Spawn (American). Per brick, 20 cts.; 10 bricks, \$1.75; 50 bricks, \$7.00.

If by mail, add 10 cts. per brick for postage.

M U S T A R D.

One ounce will sow 75 feet of drill.

For early crops the seed may be sown in a hot-bed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

White London. The best variety for salad. Per oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 30 cts.

Giant Southern Curled. Very large leaves. Per oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

N A S T U R T I U M.

Sow as soon as all danger of frost is past in drills about 1 inch deep. The tall kinds require fences or poles on which to climb. The seeds are used in flavoring pickles, or as a substitute for capers.

Dwarf. Finest mixed colors. Per pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.50.

Tall or Climbing. Finest mixed colors. Per pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

O K R A, O R G U M B O.

One ounce will plant 100 hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart, and thin out the plants to 1 foot apart.

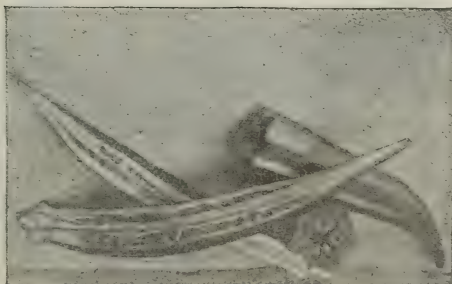
Per Pkt. Oz. $\frac{1}{4}$ Lb.

Dwarf Green. Very early;
smooth pods \$0.05 \$0.10 \$0.25

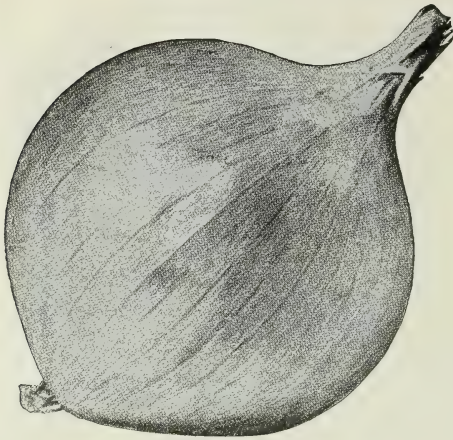
Long Green. Long ribbed pods;
very productive05 .10 .25

Perkin's Improved. Pods very
tender, long, and deep green. .05 .10 .25

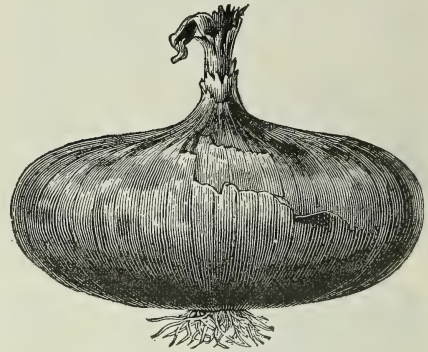
White Velvet. Tender white
pods; smooth and velvety in
appearance05 .10 .25



ONION



Invincible Giant Onion.



Red Wethersfield Onion.

One ounce will sow 100 feet of drill.

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

	Per Pkt.	Oz.	¼ Lb.
White Early Barletta. A small white Italian sort; very early.....	\$0.05	\$0.25	\$0.75
“ Queen. Pure white, small, flat; fine for pickling .....	.05	.25	.75
“ Large Portugal. The large flat sort of the New York Markets.....	.05	.30	1.00
“ Large Globe. (Southport Strain). Very large and handsome.....	.05	.35	1.00
“ Mammoth Garganus, or Silver King. Large silvery white.....	.05	.25	.75
“ Tripoli. Large white Italian variety.....	.05	.25	.75
“ Welsh. The leaves are used for salad early in Spring. Sow in fall...	.05	.20	.60
Red Large Wethersfield. Half early and a good keeper; large size.....	.05	.25	.75
“ Globe (Southport Strain). The finest large red sort.....	.05	.25	.75
“ Early Flat. Medium size, very early, deep red; mild flavor.....	.05	.25	.75
Yellow Ailsa Craig. The skin is a pale straw color and oval in shape. Excellent for exhibition purposes.....	.10	.50	1.50
“ Cranston's Excelsior. Inclined to globular in shape, and of a beautiful straw color.....	.10	.50	1.50
“ Danvers. A standard sort; early and a good keeper .....	.05	.20	.60
“ Globe (Southport Strain). Of more globular shape; keeps well.....	.05	.25	.75
“ Invincible Giant. New. See Novelties.....	.50	...	...
“ Prizetaker. Immense size; globe-shaped.....	.05	.25	.75
Chives Seed. For flavoring.....	.10	.50	1.50

ONION SETS.

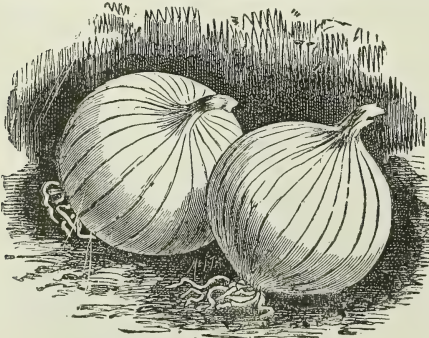
Three quarts will plant 100 yards of row.

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets, the onion can be used in the green state in June, or they will be matured by July.

Prices subject to change.

	Per Pkt.	Qt.	Pk.
Red Onion Sets	\$0.15	\$0.25	\$1.50
White Onion Sets .....	.15	.25	1.50
Yellow Onion Sets .....	.15	.25	1.50
White Multipliers .....	.15	.30	2.00
Shallots .....	.15	.30	2.00

If to be forwarded by mail, add 10 cents per quart for postage.



White Globe Onion.

ORACH, OR FRENCH SPINACH.

Sow early in Spring; cultivate and use like Spinach.

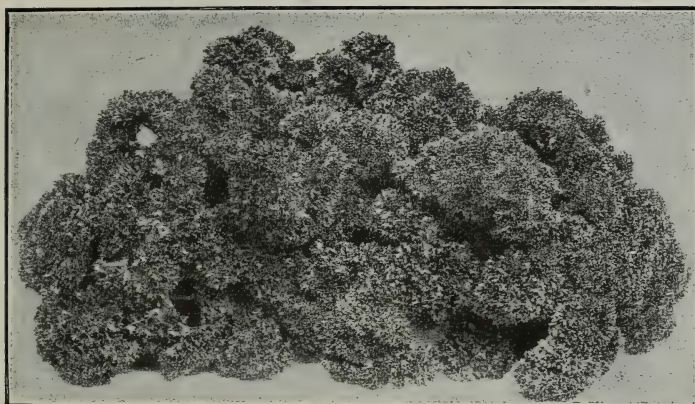
	Per Pkt.	Oz.	¼ Lb.
Red. Distinct; dark red leaves.....	\$0.05	\$0.15	\$0.30
White. Pale green leaves, almost yellow.....	.05	.15	.30

PARSLEY

One ounce will sow 150 feet of row.

Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Marshall's Dwarf Perfection. (See cut.) A dwarf and compact Parsley of bright green color, exquisitely curled. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.



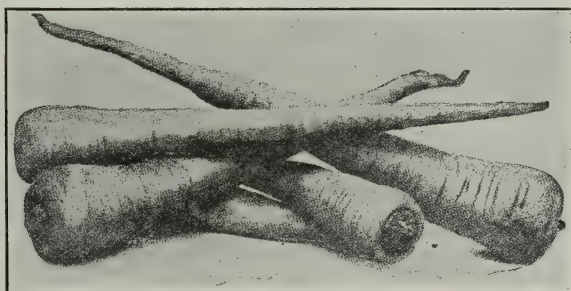
Marshall's Dwarf Perfection Parsley.

Extra Double Curled. A beautifully curled dwarf variety	\$0.05	\$0.10	\$0.25
Moss Curled. A distinct variety; beautifully crimped and curled.....	.05	.10	.25
Hamburg or Rooted. Grown for its roots which are used in flavoring soups..	.05	.10	.25
Plain. A plain-leaved variety; fine for flavoring .....	.05	.10	.20

PARSNIP.

One ounce will sow 200 feet of drill.

Sow Parsnip seed as early in Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured, if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the winter. Indeed, the fine sugary flavor is only perfected by a severe frost.



Marshall's Marrow Parsnip.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.
Marshall's Marrow. A grand selection, clean white long roots; fine for exhibition and family use. The finest stock of Parsnip in this country....	\$0.10	\$0.20	\$0.50
American Hollow Crown. Long, smooth and milky white .....	.05	.10	.20
Early Round. Adapted to shallow soils; early and good flavor.....	.05	.10	.20

PEPPER.

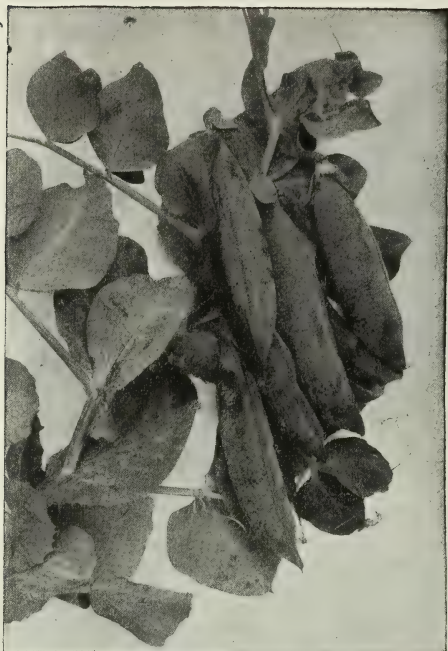
One ounce will produce 2000 plants.

Sow in hot-beds in March, and, when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. The plants may also be forwarded in small pots.



Ruby King Pepper.

	Per Pkt.	Oz.	$\frac{1}{4}$ Lb.
Cayenne, Long Red. Bright-red slender pods, 3 inches long	\$0.05	\$0.25	\$0.60
Chinese Giant. Very large, bright scarlet .....	.10	.40	1.25
Large Bell or Bull Nose. Large bright-red, largely used for pickling; mild flavor .....	.05	.25	.65
.....	.10	.60	2.00
Magnum Dulce. Very large, flesh mild and sweet .....	.05	.25	.65
Red Chili. Very productive; very small, red and very pungent.....	.05	.25	.65
Red Cluster. A new type of Chili, with upright, bright red fruits.....	.05	.25	.65
Ruby King. Bright red, 4 to 6 inches long; mild; best for stuffing.....	.05	.25	.65
Sweet Mountain. Large size; regular, handsome shape, mild flavor.....	.05	.25	.65
Sweet Spanish. Large, mild; used for salad.....	.05	.25	.65
Upright Sweet Salad. Color bright scarlet, flesh mild and very sweet.....	.10	.50	1.50



Gradus Peas.

PEAS

One quart will plant about 125 feet of drill.

Peas mature earliest in a light, rich soil; for general crop a rich deep loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall one requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; and continue for a succession every two weeks until July.

EXTRA EARLY PEAS.

	Height in Feet	$\frac{1}{2}$ Pint	Pint	Quart
Gradus. The finest extra-early Pea, ripening as early as our extra-early round varieties. The pods are very large and well filled with large wrinkled deep green peas	3	\$0.15	\$0.30	\$0.60
Thomas Laxton. Ripens within a day or two of the earliest round varieties and is very productive. The pods are large	3	.15	.30	.60
and contain 7 or 8 large wrinkled peas of the finest flavor.....	2 $\frac{1}{2}$	.10	.20	.40
Marshall's Extra-Early Market. A standard extra early Pea; productive and profitable to grow.....	2 $\frac{1}{2}$	.10	.20	.40
Alaska. One of the very earliest blue Peas; quite productive	2 $\frac{1}{2}$	.10	.20	.40
Daniel O'Rourke Improved. Extra early; favorite market-garden sort	2 $\frac{1}{2}$	.10	.20	.40
First-of-All. Selected strain of extra earlys.....	2 $\frac{1}{2}$	.10	.20	.40
American Wonder. Early and productive; fine quality	1	.15	.25	.50
Duke of York. Very large, long, full pods, and peas of fine flavor..	3	.10	.20	.40
Little Gem. Early; straight pods.....	1 $\frac{1}{2}$	.10	.20	.40
Nott's Excelsior. Splendid early wrinkled sort; very prolific	1	.15	.25	.50
Premium Gem. Early; straight pods, well filled.....	1	.10	.20	.40
Sutton's Excelsior. An extra-early dwarf wrinkled Pea; pods filled with large peas of the finest flavor, and produced in greater abundance	1	.15	.25	.50
The Leader. (See Novelties page 2 A).....		.20	.40	.80

MEDIUM EARLY PEAS.

Bliss Abundance. Profuse bearer, fine quality.....	1 $\frac{1}{2}$	\$0.10	\$0.20	\$0.40
Champion of England. A well-known standard variety. Sow thickly	5	.15	.25	.45
Dwarf Champion. A dwarf form of the popular Champion of England	2	.10	.20	.40
Duke of Albany. (American Champion.) Immense pods	5	.15	.25	.50
Everbearing. Long pods, large pea. Sow thickly	2 $\frac{1}{2}$	.10	.20	.40
Fillbasket. A standard productive variety of good quality	2 $\frac{1}{2}$	.10	.20	.40
Heroine. Large full pods; enormously productive	2 $\frac{1}{2}$	.10	.20	.40
Horsford Market-Garden. On the style of Advancer; very prolific....	2 $\frac{1}{2}$	.10	.20	.40
Junio. One of the very finest dwarf wrinkled sorts. Large straight pods; fine quality; very productive.....	1 $\frac{1}{2}$	.10	.20	.40
McLean's Advancer. A fine standard sort of excellent quality	2 $\frac{1}{2}$	.10	.20	.40
Prince Edward. Branching habit, large pods.....	5	.15	.25	.50
Remarkable. (See Novelties page 2 A).....		.20	.40	.80
Shropshire Hero. Very productive; long, handsome pods	2 $\frac{1}{2}$	.10	.20	.40
Yorkshire Hero. A spreading variety; very productive	2 $\frac{1}{2}$	.10	.20	.40

Owing to the adverse weather conditions last season the Pea crop was almost a failure; causing a great advance in prices.

MAIN AND LATE CROP PEAS

	Height in Feet	$\frac{1}{2}$ Pint	Pint	Quart
Alderman. A splendid main crop variety.....	5	\$0.15	\$0.25	\$0.50
Stratagem. Very large pods; peas of first quality	1 $\frac{1}{2}$	.15	.25	.50
Telephone. Enormous pods and peas of best quality	4	.15	.25	.50
Telegraph (L. I. Mammoth). Large pods and Peas; excellent	4	.10	.20	.40
White Marrowfat. A favorite; heavy yielder.....	4	.10	.15	.30
Black-Eyed Marrowfat. Very hardy and prolific; for market.....	3	.10	.15	.30

SUGAR PEAS (Edible Pods).

Sugar Peas have edible pods which are eaten when young. Equal in flavor to the best string beans.

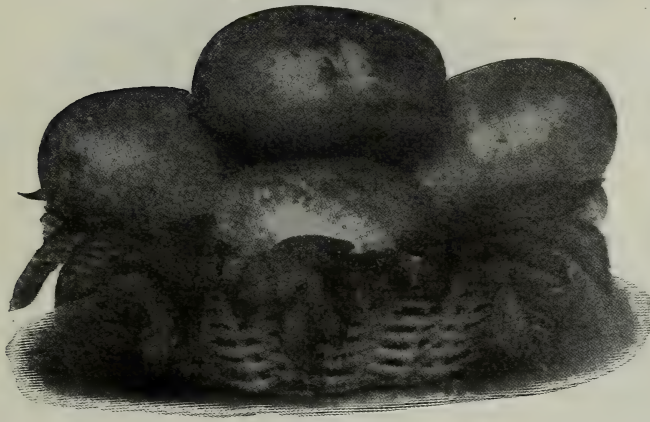
	Height in Feet	$\frac{1}{2}$ Pint	Pint	Quart
Gray-Seeded Sugar. Immense pods.....	3	\$0.20	\$0.35	\$0.75
Melting Sugar. One of the best edible pod sorts.....	5	.20	.35	.75

If ordered to go by Mail, add 15c. per quart for postage.

POTATOES.

GROWN EXPRESSLY FOR SEED.

Ten bushels cut tubers will plant one acre.



Bovee Potato.

The potato, like the robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills, or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about three feet apart, cover lightly with soil, about 4 inches deep.

EARLY VARIETIES.

	Per Pk.	Bushel	Bag
Beauty of Hebron. Slightly flesh-colored skin, with pure white flesh. Very productive and of the finest quality.....	\$0.65	\$2.25	\$4.50
Bovee. Extra early, fine quality, flesh white.....	.70	2.50	5.00
Early Rose. Very early, fine quality; very productive .....	.65	2.25	4.50
Early Norther. Extra early; very prolific, fine quality .....	.70	2.50	5.00
Early Puritan. An early white-skinned variety; very productive .....	.70	2.50	5.00
Early Ohio. A seedling of Early Rose; tubers round. Very early.....	.70	2.50	5.00
Irish Cobbler. One of the best extra early varieties. Very large, white and heavy cropper; of excellent quality.....	.70	2.50	5.00
Noroton Beauty. The earliest potato grown, being sixteen days earlier than the Early Rose, as fully productive as any main-crop or late sort.....	.80	3.00	6.00
The Thorburn. The best for first crop; very early and of fine quality.....	.70	2.50	5.00

LATE VARIETIES.

	Per Pk.	Bushel	Bag
Carman No. 1. A recognized standard sort the World over .....	.70	2.50	5.00
Carman No. 3. Reliable, large oblong, slightly flattened .....	.70	2.50	5.00
Green Mountain. Oval shape, white skin and flesh, heavy yielder.....	.65	2.25	4.50
Rural New Yorker. Very few and shallow eyes; pure white skin and flesh...	.70	2.50	5.00
White Elephant. Late, large, good quality and very productive .....	.70	2.50	5.00
Uncle Sam. Handsome shape, good size, fine quality .....	.70	2.50	5.00
The Woodruff. A new oblong white main crop variety .....	.65	2.25	5.00

Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges.



PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the corn-field, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as melons or cucumbers.

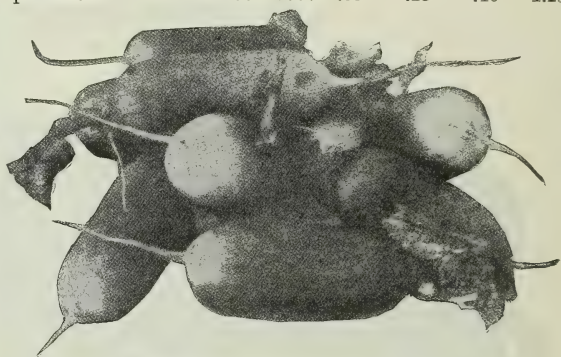
Large Cheese Pumpkin.

	Per Pkt.	Oz.	¼ Lb.	Lb.
Connecticut Field. Grown in corn-fields for stock	\$0.05	\$0.10	\$0.15	\$0.30
Cushaw Striped. A splendid striped crookneck variety .....	.05	.10	.25	.80
Early Sugar. Fine grained, small yellow.....	.05	.10	.25	.60
Large Cheese. Flat, the best variety for family use .....	.05	.10	.20	.70
Mammoth King. Grows to an enormous size.....	.05	.15	.40	1.00
Mammoth Tours. A very large French variety.....	.05	.10	.25	.80
Quaker Pie. Very prolific and a good keeper; fine for pies.....	.05	.10	.25	.75
Red Etampes. Medium size, flat; very productive .....	.05	.15	.40	1.25

RADISH.

One ounce of seed will sow 100 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hot-beds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.



Olive-Shaped French Breakfast Radish.

	Per Pkt.	Oz.	¼ Lb.	Lb.
Turnip, Early Scarlet. Very early. The French favorite	\$0.05	\$0.10	\$0.15	\$0.30
“ “ Scarlet Forcing. Crisp; very early .....	.05	.10	.25	.80
“ “ Deep Scarlet Forcing. Crisp; very early .....	.05	.10	.25	.80
“ “ Scarlet White-Tipped. Very early; for frames or outdoors....	.05	.10	.25	.80
“ “ Scarlet White-Tipped Forcing .....	.05	.10	.25	.80
“ “ Scarlet Globe-Shaped. Fine for forcing or open ground.....	.05	.10	.25	.80
“ “ Crimson Giant. Double the size of the above. Suitable for forcing or out-doors; flesh very tender and crisp.....	.05	.10	.25	.80
“ “ Triumph (Speckled Beauty). Very prettily striped or mottled scarlet or white; fine forcer.....	.05	.15	.40	1.00
“ Large White Summer. Of large size; roundish .....	.05	.10	.25	.80
“ Non Plus Ultra. Extra early scarlet forcing .....	.05	.10	.25	.80
“ Deep Blood-red. Extra-early for forcing or outdoors .....	.05	.10	.25	.80
“ Early White, or Box. For forcing; flesh pure white and sweet.....	.05	.10	.25	.80
Olive-shaped French Breakfast. Pink and white; early .....	.05	.10	.25	.80
“ French Breakfast Forcing (White-tip Rocket). Very rapid-growing; tender and crisp.....	.05	.10	.25	.80
“ Deep Scarlet. Crisp; very early .....	.05	.10	.25	.80
“ Deep Scarlet Forcing (Red Rocket). A forcing strain of the above .....	.05	.10	.25	.80
“ White. Mild and fine for summer.....	.05	.10	.25	.80
“ White Forcing (White Rocket). A forcing strain of the above .....	.05	.10	.25	.80
Long Scarlet Short Top. Very long, crisp; for frames or out-doors.....	.05	.10	.25	.80
“ White Vienna, or Lady Finger. Crisp and tender in Summer.....	.05	.10	.25	.80
“ Icicle. Pure white, of fine flavor; suitable for forcing .....	.05	.10	.25	.80
Winter Scarlet Chinese. Very handsome and distinct, and keeps well.....	.05	.10	.25	.80
“ Long Black Spanish. The popular Winter sort .....	.05	.10	.25	.80
“ Half-long Black Spanish. Very fine strain .....	.05	.10	.25	.80
“ Round Black Spanish. Fine for Winter.....	.05	.10	.25	.80
“ California White Mammoth. A very large white winter variety....	.05	.10	.25	.80
Sakurajima (Mammoth Japan). Sow early in rich soil; the largest sort in cultivation. In Japan it grows as much as 21" long and 43" in circumference .....	.05	.25	.75	

RHUBARB

One ounce will produce 1,000 plants.

Sow in April in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the fall or following spring, transplant the roots into deep, rich soil 3 feet apart each way.

Linnaeus. Early, large and tender. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$2.00.

Victoria. Very large. Later than the Linnaeus. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$2.00.

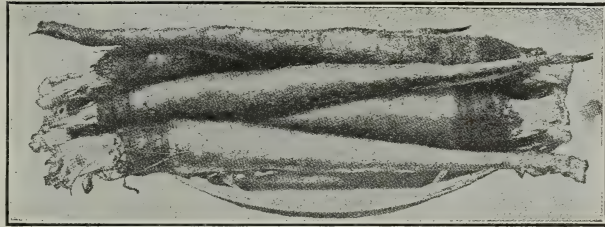
Rhubarb Roots. Extra strong. Each, 15c.; dozen, \$1.50; per 100, \$10.00.

SORREL.

One ounce will sow 150 feet of drill.

This plant is considered valuable for its acid properties; mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.



Mammoth Sandwich Island Salsify.

SALSIFY OR OYSTER PLANT.

One ounce will sow 50 feet.

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Cultivation the same as for Carrots or Parsnip.

	Per Pkt.	Oz.	¼ Lb.
Mammoth Sandwich Island. True. Large and superior; very fine flavor.....	\$0.05	\$0.20	\$0.50
Long White French. Delicious when cooked; roots of medium size.....	.05	.15	.40
Long Black, or Scorzonera. Resembles long white, but black.....	.05	.25	.75

SPINACH.

One ounce will sow 100 feet of drill.
10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

New Zealand. Makes a low spreading plant from which delicious, tender greens can be gathered the entire Summer. May be started in a hot-bed and transplanted or sown out-of-doors when the ground is warm, allowing two feet between the plants. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 90 cts.



Long Standing Spinach.

	Per Pkt.	Oz.	¼ Lb.	Lb.
Long Standing. Of delicious, tender quality; dark green.....	\$0.05	\$0.10	\$0.15	\$0.35
Savoy-Leaved, or Bloomsdale. Large, tender curled leaves .....	.05	.10	.15	.40
Round Thick-Leaved. The variety in most general use; equally good for Spring or Autumn sowing .....	.05	.10	.15	.35
Victoria. A new variety with thick dark-green leaves. Best long standing Spinach .....	.05	.10	.15	.40
Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall sowing; leaves are thick, succulent and tender .....	.05	.10	.15	.35
Prickly, or Winter. Vigorous and hardy; recommended for Fall sowing.....	.05	.10	.15	.30



Swiss Chard.

SWISS CHARD or SPINACH BEET.

This Beet produces leaves only; excellent as greens. Cultivate same as spinach, sowing the seed in early Spring, in drills 1½ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard......Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

SQUASH

One ounce Early Squash will plant about 25 hills. One ounce

Marrow Squash will plant about 50 hills.

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as cucumbers and melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.



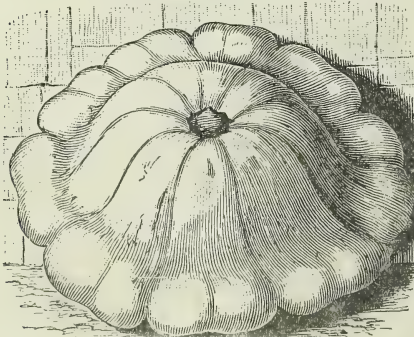
Delicious Squash.

BUSH VARIETIES.

	Per Pkt.	Oz.	¼ Lb.
Improved Early White Bush Scallop. A good early shipping variety.....	\$0.05	\$0.10	\$0.25
Giant Summer Crookneck. Double the size of Summer Crookneck .....	.05	.10	.30
Golden Custard. Fine quality and cooks tender.....	.05	.10	.30
Summer Crookneck. Yellow fruit; distinct; best for summer.....	.05	.10	.30
Silver Custard. A mammoth strain of the Early White Bush.....	.05	.10	.30
Giant Summer Straightneck. Most of them are straight-necked .....	.05	.10	.30
Cocozeil Bush. A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green.....	.05	.15	.40
White Bush Vegetable Marrow. A favorite English sort; skin greenish yellow	.05	.15	.40

RUNNING VARIETIES.

Boston Marrow. Oval; bright orange; flesh yellow and fine.....	.05	.10	.25
Cocoanut. Of first-rate quality and very prolific .....	.05	.10	.30
Delicata. Orange yellow, striped green; small size, but very prolific; it is extra early, very solid, and a good keeper; flesh dry and of fine quality....	.05	.15	.40
Delicious. Green skin, orange flesh; fine grained, sweet and dry.....	.05	.15	.40
Essex Hybrid. A good fall and winter sort.....	.05	.10	.40
Fordhook. One of the best winter sorts; fine quality .....	.05	.15	.30
Hubbard. Well known and liked for late use.....	.05	.15	.50
Mammoth Chili. Rich orange flesh; grows to an enormous size .....	.05	.15	.50
Marblehead. Gray Skin; very productive, fine keeper .....	.05	.15	.40
Orange Marrow. Quite distinct; very early and of most delicate flavor; suitable for fall or winter.....	.05	.10	.30
Perfect Gem. Round, white, fine quality; good for fall or winter.....	.05	.15	.40
Winter Crookneck. One of the best winter sorts.....	.05	.10	.35
Vegetable Marrow. A favorite English sort; skin greenish yellow; flesh white	.05	.10	.50
Italian. (Cocozele di Napoli). Grows about 20 inches long, with a diameter of 3 or 4 inches. Skin smooth, dark green, marbled yellow or pale green. In Italy it is eaten when quite young.....	.05	.15	.40



White Bush Scallop Squash.



Summer Crookneck Squash.

TOBACCO SEED.

One ounce will produce plants for one acre.

Connecticut Seed Leaf. Suitable for growing in these latitudes. Used for cigar wrappers. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., \$1.00.

Imported Havana. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.50.

TOMATO

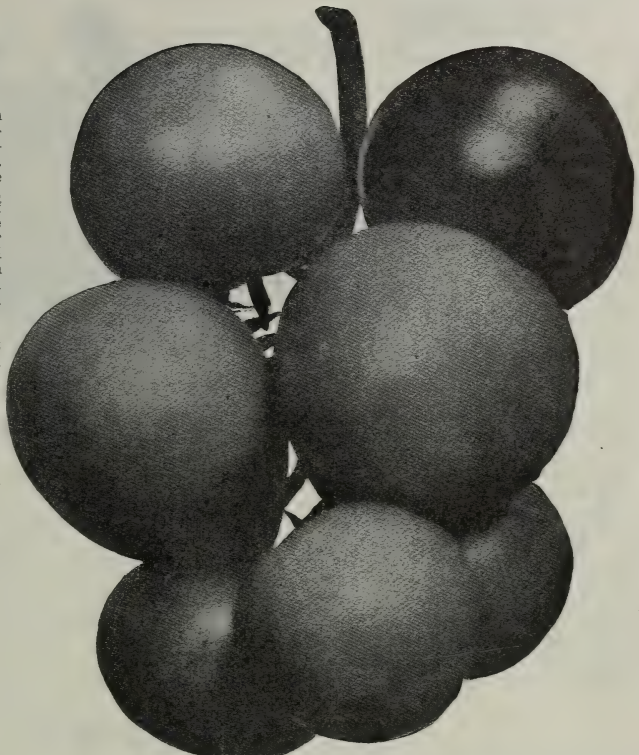
One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hot-bed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When two inches high set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill. If the vines are trained on trellis the fruit will be finer and larger.

Marshall's Prolific. The finest medium-sized tomato in existence, either for forcing or out-door planting. It is an enormous cropper, producing large clusters of bright scarlet fruit. The quality and flavor is excellent, flesh solid, having very few seeds, smooth and medium size. Pkt., 25 cts.

Comet. Beautiful, smooth, round fruit in great abundance. Color a rich scarlet-red. Sets very freely in bunches. Equally good for out-door culture as for forcing. Pkt., 15 cts.

Stirling Castle. Excellent for forcing as well as out-door culture. Fruit is of medium size, reddish-scarlet in color, and of very delicious flavor. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 30 cts.



Marshall's Prolific Tomato.

	Per Pkt.	½ Oz.	Oz.
Best of All. An excellent sort for forcing, or early out-door crop. Sets freely and an immense cropper. Color deep scarlet	\$0.10	\$0.20	\$0.40
Lorillard. Chiefly valuable for forcing under glass .....	.10	.20	.40
Acme. Medium size fruit; of a purple-pink color, tinged with purple.....	.05	.15	.25
Beauty. Large, smooth, dark-pinkish red; thick flesh; regular.....	.05	.15	.25
Coreless, Livingston's. Bright red, almost round and free from core .....	.10	.20	.40
Crimson Cushion. Extra large, handsome; bright crimson .....	.10	.20	.40
Dwarf Champion. The plant is of dwarf and compact growth .....	.05	.15	.30
Dwarf Stone. Color bright scarlet, perfect shape. Resembles Dwarf Champion, but with larger fruit.....	.10	.15	.30
Earliana. Extra-early, bright red; smooth.....	.05	.15	.30
Early Ruby. The earliest large tomato grown; rich crimson color.....	.05	.15	.25
Globe, Livingston's. Glossy rose-color, tinged with purple .....	.10	.20	.40
Golden Queen. A good yellow sort; first-class quality; large and solid.....	.05	.15	.25
June Pink. A very early sort; smooth; bright pink color; medium size.....	.10	.20	.40
Matchless. Extra large, smooth and handsome; bright red; very solid.....	.05	.15	.25
Perfection. Early, regular and productive; reddish scarlet .....	.05	.15	.25
Ponderosa. The largest variety in cultivation; very solid and meaty.....	.10	.25	.50
Stone. Very large, perfectly smooth; fine bright scarlet .....	.05	.15	.25
Trophy, Selected. One of the best; fruit large, smooth, bright red, solid and of good flavor.....	.05	.15	.25

SMALL-FRUITED TOMATOES.

Red Cherry. Small fruits, used for pickles; very handsome .....	.05	.20	.40
Red Peach. Resembling a peach; for preserves, pickles and exhibition.....	.05	.20	.40
Red Pear. Fruit handsome and solid; fine for preserves .....	.05	.20	.40
Red Plum. Bright red, round, regular; for pickles .....	.05	.20	.35
Strawberry (Winter Cherry, or Husk Tomato). Makes fine sauce.....	.05	.15	.30
Yellow Cherry. For pickles and preserves.....	.05	.20	.35
Yellow Peach. Beautiful clear yellow; perfectly resembles a peach.....	.05	.20	.35
Yellow Pear. Handsome, yellow, pear-shaped fruits .....	.05	.20	.35
Yellow Plum. Round and regular; bright yellow.....	.05	.15	.30

TURNIP

One ounce will sow 150 feet of drill.

Turnips do best on highly enriched, light, sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from twelve to fifteen in. apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.



Selected Early White Milan Turnips.

	Per Pkt.	Oz.	¼ Lb.
Early Milan Purple Top. Earliest of all, white with purple top.....	\$0.05	\$0.10	\$0.25
Early Milan Pure White, Selected. Very handsome, pure white, and as early as the above; flesh very sweet and tender.....	.05	.15	.30
Early Snowball. Small, and rapid growth; pure white .....	.05	.10	.20
Cow Horn. Long, white; in shape resembles a cow's horn .....	.05	.10	.20
Golden Ball. Very handsome; keeps fairly well.....	.05	.10	.20
Red Top, Strap Leaf. The popular fall flat sort.....	.05	.10	.20
Red Top, Globe-shaped. A standard sort in the New York market.....	.05	.10	.20
White Egg. Oval, handsome and sweet.....	.05	.10	.20
White Strap-Leaf Flat. A good early white flat sort .....	.05	.10	.20
White French, or Rock. Very productive and a fine keeper .....	.05	.10	.20
Yellow Globe. Good and sweet; keeps fairly well .....	.05	.10	.20
Yellow Stone. Fine, hard-winter sort.....	.05	.10	.20
Yellow Aberdeen. A very hardy and productive variety of excellent quality.	.05	.10	.20

RUTA-BAGA.

American Purple Top. A strain of Purple-top yellow .....	.05	.10	.25
Champion Purple Top. Very large.....	.05	.10	.20
White-fleshed. Large and productive.....	.05	.10	.20

HERBS—SWEET AND MEDICINAL.

	Per Pkt.	Oz.		Per Pkt.	Oz.
Angelica, Garden. For flavoring wine and cakes.....	\$0.05	\$0.20	Lavender. True. For oil and distilled water	\$0.05	\$0.45
Anise. Seeds aromatic and carminative .....	.05	.15	Marigold, Pot. Single. For medicinal purposes .....	.05	.15
Balm. For culinary purposes.....	.05	.30	Marjoram. Pot. Used in seasoning .....	.05	.50
Basil. Sweet. Culinary herb used for flavoring soups, etc.....	.05	.20	Marjoram. Sweet. Used in seasoning .....	.05	.20
Borage. Leaves used as a salad..	.05	.10	Mint. Peppermint .....	.25	...
Caraway. Used in flavoring liquors and bread .....	.05	.10	Rosemary. Yields an aromatic oil and water .....	.05	.40
Catnip. Has medicinal qualities..	.10	.50	Sage. Broad leaf. A culinary herb .....	.05	.15
Dill. Seeds used for flavoring vinegar .....	.05	.10	Savory. Summer. Used as a culinary herb .....	.05	.15
Fennel. Sweet. Seeds aromatic; for flavoring .....	.05	.10	Savory. Winter. Used as a culinary herb .....	.05	.30
Fennel. Florence. In flavor resembling celery .....	.05	.15	Tarragon. True. Does not produce seed. Roots in Fall and Spring. 25c. each.		
Hyssop. Has medicinal qualities.	.05	.20	Thyme. Broad-leaved English. Used as a seasoning .....	.05	.50
Horehound. Has medicinal qualities	.05	.25	Wormwood. Has medicinal qualities	.05	.25

BIRD SEEDS, ETC.

	Per Lb.		Per Lb.
CANARY, best Sicily. 5 lbs. 40 cts.....	\$0.10	MILLET, AMERICAN. 5 lbs. 40 cts.....	\$0.10
CANARY SEED, MIXED. 5 lbs. 40 cts..	.10	RAPE, GERMAN. 5 lbs. 40 cts.....	.10
GRAVEL FOR CAGES. Per quart 6 cts.		ROUGH RICE .....	.12
HEMP. 5 lbs. 40 cts.....	.10	SUNFLOWER SEED, for Parrots. 5 lbs. 40c.	.10
LETTUCE SEED. Oz. 5 cts.....	.25	CUTTLE FISH BONE .....	.30
MAW, BLUE POPPY.....	.20	THISTLE SEED .....	.15

VEGETABLE PLANTS AND ROOTS.

Artichoke Plants, Globe Selected Large Green.
Ready April 1st. \$1.50 per dozen; \$10.00 per 100.

Asparagus Roots. See page 9.

Brussels Sprouts. Doz. 20 cts.; 100 \$1.00.

Cabbage Plants. For April and May delivery.
Dozen 15 cts.; 100 \$1.00. Delivery June and July: 100 50 cts.; 1000 \$4.00.

Cauliflower Plants. Snowball and Selected Erfurt. From hotbed; ready April and May. 25 cts. per doz.; \$1.00 per 100.

Celery. Extra strong, transplanted plants. Delivery June and July. Doz. 15 cts.; 100 60 cts.; 1000 \$5.00.

Chives. For flavoring. 15 cts.-per clump; \$1.50 per dozen.

Egg Plants. Ready in May and June. Grown in pots, 60 cts. per doz.; \$5.00 per 100.

Hop Vine Roots. 15 cts. each; \$1.50 per doz.

Horseradish Sets, New Bohemian. A new variety, which produces roots of enormous size and succeeds in every soil. 20 cts. per dozen; \$1.00 per 100.

Kale or Borecole. Siberian or Curled Scotch. Dozen 15 cts.; 100 50 cts.

Kohl-Rabi. White Vienna. Dozen 20 cts.; 100 \$1.00.

Lettuce. Ready in April and May. Boston Market, Paris Cos. Doz. 15 cts.; 100 \$1.00.

Mint. Strong roots. Each 15 cts.; doz. \$1.50.

Peppers. Ready in May and June. Bell or Bullnose. Long Red Cayenne. 35 cts. per dozen; \$2.50 per 100.

Rhubarb Roots, Victoria. Strong roots. 15 cts. each; \$1.50 per dozen; \$10.00 per 100.

Sweet Potato Plants. Ready in May and June. 100 60 cts.; 1000 \$4.00.

Tomato Plants. Ready in May and June. Acme, Dwarf Champion, Perfection, Ponderosa, Stone etc. Dozen 25 cts.; 100 \$1.50. Small fruit varieties, dozen 40 cts. Pot grown plants, dozen 35 cts.

PLANTS OF HERBS.

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

	Each	Doz.
Lavender, True	\$0.20	\$2.00
Marjoram, Pot .....	.20	2.00
Sage, Common .....	.20	2.00
Savory, Winter .....	.20	2.00
Thyme, French .....	.20	2.00
Tarragon .....	.25	2.50

FIELD CORN.

Eight quarts will plant one acre in hills; three bushels will sow one acre broadcast.

FLINT VARIETIES.

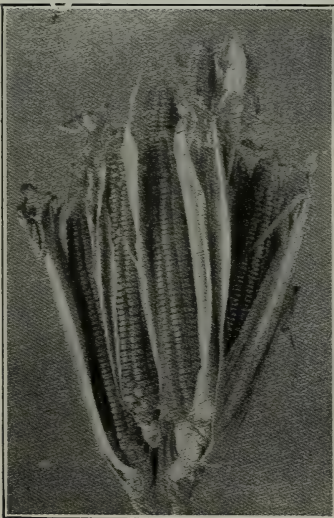
	Peck	Bush.
Early Yellow Canada. A very desirable variety. Ears rather small, 8-rowed and deep grained. The earliest Flint Corn, usually ripening in August and producing a large yield.....	\$0.60	\$2.35
Longfellow. A very large-eared flint variety, grown very extensively in this vicinity for its productiveness. Ears 8-rowed, often 14 to 15 inches long, with small cob and deep kernels .....	.60	2.25
Thoroughbred White Flint. Of spreading habit. ....	.75	2.50

DENT VARIETIES.

Improved Leaming. Large handsome ears, deep-grained and of a deep orange color. An early-maturing variety distinctly dent, and a great yielder .....	.60	2.00
Pride of the North. (Dent.) Very large ears..	.60	2.25

FODDER AND ENSILAGE VARIETIES.

Early Golden Surprise. This is a cross between the Eureka and a Dent. The cob is small with very long grain, maturing very early and adapted for our Northern climate. A very heavy yielder.....	.75	2.75
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Longfellow Corn.

Eureka. A superior dent variety for ensilage, growing to a height of 12 to 15 feet. Seed is white.....	.65	2.25
Southern Horse Tooth. For fodder and ensilage.....	.60	2.25
Sweet Fodder. Of great value to dairy farmers.....	.75	2.75

FARM AND FIELD SEEDS

BARLEY.

48 pounds to the bushel. 2 bushels to the acre.

	Peck	Bush.
Spring Barley. A good standard sort.....	\$0.75	\$2.25
Beardless. This variety is free from beards.....	.75	2.50

BEANS.

Soja Bean. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast one-half bushel to the acre, or plant in drills three feet apart and one foot between plants.....	1.00	3.50
Velvet Bean. Used as a forage plant, and as a fertilizing plant for turning under. Stock readily eat the vines and leaves. Plant in rows 4 ft. apart and 1 ft. in the row	1.50	5.00

BUCKWHEAT.

48 lbs. to the bushel. 1 bushel to the acre.

Japanese. Earliest and most productive of the Buckwheats	\$0.60	\$2.00
Silverhull. Light gray grain; a week later than Japanese .....	.60	2.00

MILLET.

	Per lb.	Bush.	100 lbs.
Golden (German Millet). Very large crop, though not so early as Hungarian. Grows 3 to 5 feet high. Requires good soil. Sow one bushel to the acre \$0.10		\$2.50	\$4.50
Hungarian. Sow from June to August 1 at the rate of one bushel per acre .10		3.00	5.00
Japanese (Barnyard Grass). 35 lbs. to the bushel. Sow from May to August 1 .....	.12	3.00	8.00

OATS.

Sow 2 to 3 bushels to the acre.
32 lbs. to the bushel.

Storm King. We have procured a stock of this wonderful oats grown from imported seed. The heads measure from 8 to 10 in. and the kernels are of immense size, thick, plump, and heavy. It is very early, has great length of straw, producing 70 bushels per acre. We can safely say it is the greatest producer of any variety of Oats grown in this country. Per bushel \$2.00; 10 bushel lots, \$1.85 per bushel.

White Tartar. A remarkably handsome and perfect white oat, extremely early, in fact, the earliest variety in cultivation. It is an enormous cropper. The straw is long, very strong, and holds up well. The heads are large and well filled. Peck, 50 cts.; bushel \$1.75; 10 bushels or over, \$1.60 per bushel.

Northern Purple American. Very heavy. Per bushel \$1.50. 10 bushel, \$1.40 per bushel.



Field of Storm King Oats.

PEAS.

Canada Field. Valuable for cattle feeding. Also used for ensilage. Sown broadcast in the spring at the rate of two bushels to the acre. Market price.

Cow Peas, Clay. This variety is of extra strong growth and specially adapted for sowing in Northern States. Market price.

Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Market price.

R A P E.

Dwarf Essex. Especially valuable for sheep pasturage. Lb. 15 cts.; 10 lbs. \$1.00; 100 lbs. \$8.00.

R Y E.

Spring. Best Northern grown. One and one-half bushels to the acre. Bushel \$1.75.

Giant Winter. Our own growing. Sow in September and October. Bushel \$1.75.

SUNFLOWER.

Mammoth Russian. Lb. 10 cts.; 25 lbs. \$2.00; 100 lbs \$7.00.

VETCHES.

Spring Tares (*Vicia sativa*). Sown broadcast at rate of 60 to 100 lbs. to the acre, like wheat or barley and sometimes mixed with oats for soiling. Market price.

Sand, Winter, or Hairy Vetch (*Vicia villosa*). Sow from 30 to 50 lbs to the acre. Market price.

W H E A T.

Sow 1½ bushels to the acre.

Four Rowed Fulz. Red; hardy and very prolific. Bushel \$2.75.

Harvet King. Red, early, very hardy. Per bushel \$2.50.

Lancaster Fulcaster. Bearded red variety. Bushel \$2.50.

Red Wave. New, smooth red chaff. Bu. \$3.25.

Spring Wheat. Bushel \$2.50.

Prices on all Farm Seeds are subject to Market fluctuations.

GRASSES AND CLOVERS

Prices subject to market changes.

	Wght. per Bush. lbs.	Lb.	Bush.
CANADA BLUE GRASS (<i>Poa Compressa</i>). Useful for sowing on hard clay, and poor soils.....	14	\$0.20	\$2.50
CREEPING BENT (<i>Agrostis stolonifera</i>). Desirable for mixing with other lawn or pasture grasses.....	14	.50	5.50
CRESTED DOGSTAIL (<i>Cynosurus Cristatus</i>). Valuable for pastures and lawns	20	.50	9.00
ENGLISH RYE GRASS (<i>Lolium Perenne</i>). A very nutritious, rapid growing variety; valuable for meadows and pastures	24	.15	2.50
ENGLISH RYE GRASS (Pacey's). A carefully selected short-seeded, dwarf-growing strain, suitable for lawns..	24	.15	3.00
HARD FESCUE (<i>Festuca duriuscula</i>). A dwarf-growing grass, succeeding well in dry situations	14	.30	3.75
HUNGARIAN GRASS (<i>Panicum Germanicum</i>). A species of annual millet	48	.10	3.00
KENTUCKY BLUE GRASS (<i>Poa pratensis</i>). This is the most hardy and valuable of all northern grasses.....	14	.25	4.50
ITALIAN RYE GRASS (<i>Lolium Italicum</i>). Thrives in any soil and yields early and abundant crops.....	18	.15	3.00
MEADOW FESCUE (<i>Festuca Pratensis</i>). An excellent grass of great value in mixtures of permanent pastures.....	14	.25	4.50
MEADOW FOXTAIL (<i>Alopecurus Pratensis</i>). One of the earliest and best pasture grasses.....	10	.50	4.50
ORCHARD GRASS (<i>Dactylis glomerata</i>). Adapted for growing in shady places or under trees.....	14	.30	3.75
RED FESCUE (<i>Festuca Rubra</i>). Valuable for lawns and sandy soils	14	.35	4.00
RED TOP (<i>Agrostis vulgaris</i>). A permanent grass, standing our climate well	14	.20	2.50
RED TOP FANCY, or RECLEANED. Free from chaff....	32	.30	7.00
RHODE ISLAND BENT (<i>Agrostis Canina</i>). One of the very best grasses for lawns	14	.50	5.50
SHEEP'S FESCUE (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mixture of lawns or dry soil.....	14	.30	3.45
SWEET VERNAL (<i>Anthoxanthum odoratum</i>). As a mixture for lawns and pasture lands it is invaluable.....	10	.50	4.00
TALL FESCUE (<i>Festuca Elaitor</i>). Used for pastures....	22	.40	8.00
TALL MEADOW OAT (<i>Avena elatior</i>). A valuable grass for permanent pasture	10	.30	2.75
TIMOTHY (<i>Phleum pratense</i>). A field and not a pasture grass, as it will not endure close and frequent cropping. Market price	45	.12	...
WOOD MEADOW (<i>Poa memorialis</i>). Adapted for shaded positions in lawns or under trees.....	14	.50	4.00
WOOD HAIR GRASS (<i>Aira flexuosa</i>). Useful for shady places with other grasses.....	12	.20	2.00



Orchard Grass.



English Rye Grass.

CLOVERS.

Prices subject to market changes.

	Quantity for acre	Per Lb.	Per Bushel	Per 100 lbs.
ALFALFA, or LUCERNE (<i>Medicago Sativa</i>). One of the most valuable forage plants	20 lbs.	\$0.25	\$13.50	\$22.00
ALSIKE (<i>Trifolium Hybridum</i>)	15 lbs.	.35	18.00	30.00
CRIMSON, or SCARLET CLOVER (<i>Trifolium Incarnatum</i>). An annual variety producing large crops of green foliage.....	20 lbs.	.15	7.20	12.00
MAMMOTH RED or PEA VINE. Grows much taller than Medium Red Clover	10 lbs.	.35	18.00	30.00
MEDIUM RED (<i>Trifolium Pratense</i>). This is the common Red Clover so largely grown throughout the country.....	15 lbs.	.35	18.00	30.00
WHITE CLOVER (<i>Trifolium Repens</i>). The best variety for lawns; valuable in permanent pastures	10 lbs.	.60	35.00	55.00
MIXED CLOVER	10 lbs.	.35	18.00	30.00

MISCELLANEOUS FARM SEEDS.

	Per Lb.	100 Lbs.
BROOM CORN, EVERGREEN. Succeeds in a good, deep soil; it is very sensitive to cold..	\$0.15	\$12.00
SORGHUM, or EARLY AMBER SUGAR-CANE. The earliest and most productive variety. Height, 10 to 12 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 4 quarts in drills, or 8 quarts broadcast, to acre .....	.15	12.00
SORGHUM. KAFFIE CORN (Red). Excellent forage for horses and cattle, and excellent feed for poultry. Use 4 to 5 lbs. per acre.....	.15	12.00

MARSHALL'S LAWN GRASS SEED



MARSHALL'S SPECIAL LAWN GRASS MIXTURE.

Marshall's Special Lawn Grass Seed produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm and elastic turf, and it is usually ready for cutting in six weeks from time of sowing. This Lawn Grass is composed of a combination of various fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained without burning brown in Summer.

Price: Per quart, 25 cts.; peck (5 lbs.), \$1.50; bushel (20 lbs.), \$5.00.

MARSHALL'S CENTRAL PARK LAWN GRASS.

Marshall's Central Park Lawn Grass will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, when once established, need no reseeding for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned and as free as it is possible to make it from foreign matter.

One pint will sow 10 x 15 feet. Per pint, 10 cts.

One quart will sow 15 x 20 feet. Per quart, 20 cts.

Four quarts will sow 25 x 50 feet. Four quarts, 60 cts.

One peck (5 lbs.) will sow 50 x 50 feet. Per peck, \$1.10.

One bushel (20 lbs.) will sow 100 x 100 feet. Per bushel, \$4.00.

MARSHALL'S FRENCH LAWN GRASS.

A thoroughly good mixture of Grasses made from the best varieties adapted for general lawn purposes.

Per quart, 20 cts.; per peck, \$1.00; per bushel (15 lbs.), \$3.50

MARSHALL'S SHADY PLACE LAWN GRASS.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Per quart, 30 cts.; 4 quarts, \$1.00; peck (5 lbs.), \$1.60; bushel (20 lbs.), \$6.00.

MARSHALL'S TERRACE MIXTURE LAWN GRASS.

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and produce a rich, green turf throughout the season.

Price, per quart, 30 cents; per peck, \$1.75; per bushel (20 lbs.), \$6.00.

MARSHALL'S LAWN RESTORING GRASS SEED.

A mixture of grasses suited to take firm hold and grow quickly on hard, worn-out, or burned spots. The best time to resow them is very early in spring, but seed may also be sown from September to October.

Per quart, 25 cts.; per peck, \$1.25; per bushel (20 lbs.), \$4.00.

SPECIAL LAWN GRASS MIXTURE FOR SEA-SIDE LAWNS.

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Per quart, 30 cts.; per peck, \$1.50; per bushel (20 lbs.), \$5.00.

MARSHALL'S SPECIAL MIXTURE.**FOR TENNIS COURTS, CROQUET GROUNDS, BOWLING GREENS, ETC.**

A mixture of Grasses that will form a good turf adapted for out-door games, containing fine leaved, deep rooting grasses that spread and maintain a tough evergreen sward and improve by tramping. The seed should be sown thickly to produce quick results.

Price, per quart, 30 cts.; 4 quarts, \$1.00; peck, \$1.75; bushel (20 lbs.), \$6.00.

PERMANENT GRASS MIXTURES FOR GOLF LINKS.**MARSHALL'S FAIR GREEN MIXTURE.**

This is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair-Green use. They are all of dwarf, spreading growth, forming a close velvety surface which improves from year to year if given proper care.

Per bushel (20 lbs.), \$3.50.

MARSHALL'S PUTTING-GREEN MIXTURE.

The hardiest and finest low growing Grasses are contained in this Mixture. It produces a beautiful and lasting green turf calculated to withstand hard wear and tear.

Per peck, \$1.75; per bushel (24 lbs.), \$6.00.

GRASSES FOR PERMANENT HAY CROPS AND PASTURES.

The results obtained from our Special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 5 lbs. of Mixed Clover Seed per acre.

MIXTURES FOR PERMANENT PASTURES FOR ONE ACRE.

FOR GOOD SOILS, COOL AND MOIST.		FOR DRY SOILS.		FOR WET SOILS.	
8 lbs.	Timothy.	10 lbs.	Timothy.	10 lbs.	Timothy.
5 "	Red Top.	3 "	Creeping Bent.	6 "	Red Top.
4 "	Orchard Grass.	5 "	Orchard Grass.	9 "	Blue Grass.
6 "	Perennial Rye Grass.	3½ "	Tall Oat Grass.	4 "	Orchard Grass.
3 "	Sheep's Fescue.	2 "	Hard Fescue.	7 "	Perennial Rye Grass.
1½ "	Hard Fescue.	4 "	Sheep's Fescue.	1 "	Tall Oat Grass.
2 "	Meadow Fescue.	3 "	Red Top.	1 "	Tall Fescue.
2 "	Tall Oat Grass.	1 "	Meadow Foxtail.	1 "	Meadow Foxtail.
6 "	Meadow Foxtail.	½ "	Perennial Sweet Vernal.	1 "	Creeping Bent.
6 "	Blue Grass.	8 "	Perennial Rye Grass.		
½ "	Perennial Sweet Vernal.				

Per bushel (15 lbs.), \$3.00. Per acre (40 lbs.), \$8.00.

PERMANENT MIXTURES FOR HAY CROPS FOR ONE ACRE.

FOR GOOD SOILS, COOL AND MOIST.		FOR HIGH, DRY SOILS.		FOR WET SOILS.	
12 lbs.	Timothy.	15 lbs.	Timothy.	12 lbs.	Timothy.
5 "	Red Top.	5 "	Red Top.	5 "	Rhode Island Bent.
5 "	Orchard Grass.	7 "	Orchard Grass.	5 "	Red Top.
6 "	Perennial Rye Grass.	4 "	Tall Oat Grass.	5 "	Orchard Grass.
1 "	Meadow Foxtail.	3 "	Hard Fescue.	7 "	Perennial Rye Grass.
2½ "	Tall Oat Grass.	4 "	Sheep's Fescue.	2 "	Tall Oat Grass.
2 "	Hard Fescue.	1 "	Crested Dogtail.	2 "	Meadow Fescue.
2 "	Sheep's Fescue.	1 "	Blue Grass.	2 "	Tall Fescue.
4 "	Blue Grass.				
½ "	Perennial Sweet Vernal.				

Per bushel (15 lbs.), \$3.00. Per acre (40 lbs.), \$8.00.

5 lbs. Mixed Clover Seed sufficient for one acre, \$1.60.

GENERAL LIST OF Marshall's Select Flower Seeds



Border of Annuals and Biennials with Grass Walk.

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture:

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or coolhouse during winter.

Hardy Perennials can remain in the open ground during winter without protection.

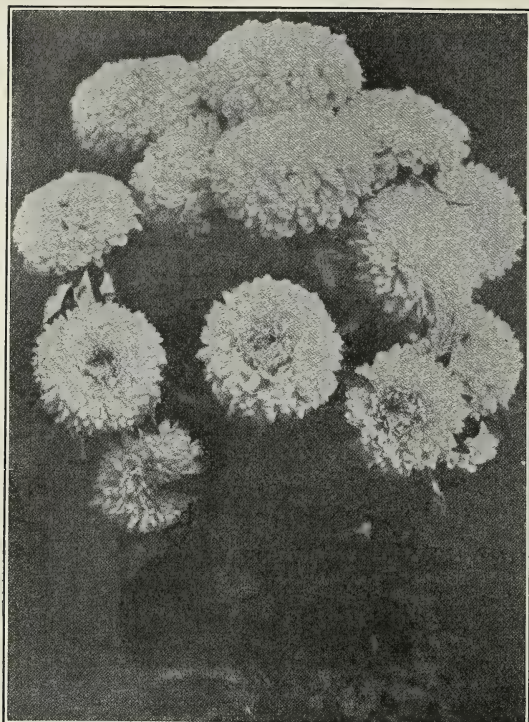
Half-Hardy Perennials require the protection of a coldframe or coolhouse during the winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during winter, and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H. A. designates	Hardy Annuals—Lasting but one year.	H. P. designates	Hardy Perennials—Lasting three or more years.
H. H. A. "	Half Hardy Annuals—Lasting but one year.	H. H. P. "	Half Hardy Perennials—Require protection during winter.
T. A. "	Tender Annuals—Lasting but one year.	H. C. "	Hardy Climber—Lasting three or more years.
H. B. "	Hardy Biennials—Lasting two years.	G. S. "	Greenhouse Shrub.
H. H. B. "	Half Hardy Biennials—Require protection during winter.		

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
ABOERA Viridiflora. A rapid-growing, climbing plant, scarlet fruit.		10	H. H. P.	...	\$0.05
ABRONIA Umbellata , training annual, pink flower trusses.....		¾	H. A.	\$0.50	.05
ABUTILON. New hybrids, mixed, large bell-shaped flowers.....		..	G. S.	...	.10
ACACIA. Finest mixed, elegant winter and spring flowering plants..		..	G. S.	.50	.05
ACHILLEA ptarmica, The Pearl. Double white flowers.....		1½	H. P.	...	.15
ACONITUM (Monk's Hood). With showy spikes of hood-shaped blossoms.					
Napellus. Blue and White		4	H. P.	...	.10
Pyramidatum. Blue		4	H. P.	...	.10
Finest Mixed. Many beautiful colors.....		4	H. P.	...	.05
ACROCLINIUM. Pretty everlasting flowers; fine for winter bouquets.					
Album. Pure white; double flowers		1	H. H. A.	...	.05
Roseum. Bright rose; double flowers		1	.....	...	.05
Finest Mixed Colors		1	.....	...	.05
ADLUMIA. Cirrhosa (Mountain Fringe). Pink flowers		10	H. B.	...	.10
ADONIS aestivalis. Crimson flowers and feathery foliage		1	H. A.	.25	.05
Autumnalis. Flowers crimson with dark center		1	H. A.	.25	.05
Vernalis. Large, yellow; flowers in early spring		1½	H. P.	.30	.05
AGERATUM. Blooms throughout the summer; feathery flowers in clusters.					
Mexicanum. Fine for bedding or pot culture. Blue		1½	H. A.	.50	.05
Mexicanum Album. A beautiful white variety		1½	.....	.50	.05
Mexicanum Dwarf Blue. Extra neat; fine for edgings.....		¾	.....	.50	.05
Mexicanum Dwarf White. Pretty for contrast; fine for edgings...		¾	.....	.50	.05
Mexicanum Little Blue Star. Light blue flowers; fine for carpet bedding.....		½	.....	...	.10
Swanley Blue. A fine large-flowered sort		1	.....	.50	.10
Blue Perfection. Very fine dwarf		¾	.....	.75	.10
Mixed. All annual varieties		1	.....	.30	.05
ALYSSUM. Pretty little plants for beds, vases baskets, edgings or rockwork; blooming profusely all summer.					
Maritimum (Sweet Alyssum). Fragrant, white; flowers all summer..		½	H. A.	.30	.05
Maritimum compactum, Little Gem. Grows erect; fine for edging..		½	.....	.50	.05
Carpet of Snow. Dwarf; pure white		¼	.....	.50	.10
Saxatile compacta. Spring-blooming Alyssum with yellow flowers..		1	H. P.	.50	.05
AMARANTHUS. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.					
Caudatus (Love-Lies-Bleeding). Long drooping crimson flower spikes		3	H. H. A.	.25	.05
Tricolor (Joseph's Coat). Leaves: red, yellow and green		2	.....	.25	.05
Salicifolius (Fountain Plant). Distinct variety, with graceful drooping leaves		2½	.....	.50	.05
AMPELOPSIS Veitchii (Japanese Woodbine or Boston Ivy).....		10	H. C.	.50	.10
ANAGALLIS Grandiflora (Pimpernelle). Showy garden plant		6	H. H. A.	.30	.05
ANCHUSA Capensis. Flower resembling large Forget-Me-Nots.....		1½	H. A.	...	.05
ANEMONE. A very pleasing perennial, producing large flowers.					
Coronaria (Poppy Anemone). Mixed colors		1	H. P.	...	.10
Japonica rosea. Rose .....		..	.....	...	.25
Alba "Honorine Jobert." White .....		..	.....	...	.25
ANTIRRHINUM. The Snapdragon is one of our finest perennials, flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plant will bloom in July and August.					
Majus Delilah. White and carmine		3	H. H. P.	.60	.10
Majus Firefly. Scarlet and white .....		..	.....	.60	.10
Majus Galathee. Crimson and white .....		..	.....	.60	.10
Majus Queen Victoria. Large, white .....		..	.....	1.00	.10
Majus Roseum. Rose .....		..	.....	.60	.10
Majus Striped. Odd and pretty .....		..	.....	.60	.10
Majus White. Beautiful for cutting .....		..	.....	.60	.10
Majus Yellow. A pure soft color .....		..	.....	.60	.10
Majus Large-flowered Mixed. Fine .....		..	.....	.50	.05
Majus Collection of Six Distinct Varieties .....		..	.....	...	.30
Majus Collection of 12 Distinct Varieties .....		..	.....	...	.50
Dwarf Black Prince. Nearly black; dark leaved		1	.....	1.00	.10
Dwarf Golden Queen, grandiflora. Pure yellow .....		..	.....	1.00	.10
Dwarf Pink Empress. Beautiful dark rose .....		..	.....	1.00	.10
Dwarf Picturatum (Blotched) .....		..	.....	.75	.10
Dwarf Queen of the North. White .....		..	.....	.75	.10
Dwarf Fine Mixed. All colors .....		..	.....	.60	.10



Aster, Victoria.



Canterbury Bells.

NAME AND DESCRIPTION.

	Height in Feet	Duration	Per Ounce	Per Pkt.
AQUILEGIA, or COLUMBINE. A most desirable border plant.....	..	H. P.	...	...
Double, white	2	.....	...	\$0.05
Coerulae hybrida. White flowers, shaded blue	3	.....	...	.15
Chrysantha. Long-spurred, golden yellow	3	.....	...	.10
Single, mixed colors .....	..	.....	\$0.30	.05
Double-flowering, mixed colors .....	..	.....	.30	.05
Veitch's New Hybrids. Many new varieties.....	..	.....	...	.25
Collection of Six Choice Varieties .....	..	.....	...	.30
ARABIS Alpina. Excellent for borders or rockwork. Pure white...	1½	H. P.	...	.10
ARCTOTIS grandis. Daisy-like flowers; white shaded yellow.....	2	H. A.	...	.10
ARDISIA crenulata. Decorative plant; red berries	5	G. S.	...	.25
ASPERULA Odorata. (Woodruff). Sweet-scented; white.....	1½	H. P.	...	.10
ASPARAGUS Plumosus Nanus. Graceful and feathery; bright green foliage	100 seeds, \$1.00	8	G. P.	.25
Sprengeri. A handsome variety of rapid growth for hanging baskets	3	G. P.	...	.10
ASTERS. Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers, sow in March or April, in cold frame, spent hotbed, or pots or boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves transplant about 18 inches apart each way into well-prepared beds.				
CHINA. A splendid mixture of colors	1	H. A.	1.00	.05
CHRYSANTHEMUM FLOWERED, Dwarf. A splendid variety of compact habit.	1	.....	1.50	.10
Finest Mixed Colors .....	..	.....	...	.50
Collection of Six Distinct Varieties .....	..	.....	...	...
CREGO. Very early; on style of Queen of the Market, but with large flowers	2	.....	...	...
Separate Colors. Crimson, Pink, Lavender, Purple, Rose, White...	..	.....	2.00	.10
Finest Mixed. All colors.....	..	.....	2.00	.10

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
ASTERS , (Continued.)					
IMPROVED GIANT BRANCHING. The flowers are large and fine for cutting					
Separate Colors. Crimson, Dark Blue, Light Blue, Rose, Shell-Pink, White	2	H. A.	...	\$2.00	\$0.10
Finest Mixed. All colors	...	...	...	1.50	.10
Collection of Six Varieties	...	...	...	...	.50
GIANT COMET. Long-stemmed flowers like Japanese Chrysanthemums.					
Separate Colors. Crimson, Dark Blue, Pink, Light Blue, Rose and White	1½	...	...	2.00	.10
Finest Mixed. All colors	...	...	...	1.75	.10
Collection of Six Distinct Varieties	...	...	...	...	.50
OSTRICH PLUME. Splendid class; fine for cutting					
Separate Colors. Blue, Crimson, Rose and White	2	...	...	2.00	.10
Finest Mixed Colors	...	...	...	1.50	.10
PERFECTION, PAEONY-FLOWERED. Thrifty upright plants; immense double flowers					
Separate Colors. Crimson, Deep Blue, White, Lavender, Pink and Rose	1½	...	...	2.00	.10
Finest Mixed. All colors	...	...	...	1.75	.10
Collection of Six Distinct Varieties	...	...	...	...	.50
Collection of Twelve Distinct Varieties	...	...	...	...	.75
QUEEN OF THE MARKET. The earliest of all; in full bloom two weeks before most other sorts					
Separate Colors. Crimson, Dark Blue, Light Blue, Rose, Pink, Scarlet and White	1½	...	...	1.00	.10
Choice Mixed. All colors	...	...	...	1.00	.10
VICTORIA. In elegance of habit surpasses all other varieties					
Separate Colors. Dark Scarlet, Dark Blue, Light Blue, Peach Blossom, Rose, White	1½	...	...	2.50	.10
Finest Mixed. All colors	...	...	...	2.00	.10
Collection of Six Distinct Varieties	...	...	...	...	.50
Collection of Twelve Distinct Varieties	...	...	...	...	.90
DAYBREAK. A delicate pink Aster. The flowers are very double and globe-shaped					
PURITY. Of the same type as Daybreak, differing only in color, which is a pure white	2	...	...	3.00	.10
SNOWDRIFT. The earliest Aster in cultivation with superb plummy snow-white flowers of the Ostrich-feather type					
AUBRIETIA. Suitable for rockwork and herbaceous borders	1	H. P.	...	...	...
Deltoidea. Fine for rockwork; purple; trailing	...	...	...	...	.10
Graeca. Purple; trailing	...	...	...	...	.10
Leichtlinii. Carmine; trailing	...	...	...	...	.25
AURICULA. Finest Mixed. The flowers resemble the Primrose	½	H. H. P.	...	...	.25
BACHELOR'S BUTTONS. (See <i>Centaurea Cyanus</i> .)					
BALLOON VINE. White flowers, followed by balloon-like seed pods					
BALSAM (Lady's Slipper). Showy and easily grown tender annuals, succeeding best in sunny situations where there is rich loam and moisture	15	H. A.	...	.20	.05
Double Separate Colors. White, lavender, blood red, deep rose, striped	1½	H. A.	...	...	...
Mixed Colors. Extra choice; double	...	...	...	.60	.05
Collection Camellia-Flowered. Six Separate Colors	...	...	...	...	.40
BALSAM APPLE. (See <i>Momordica</i> .)					
BARTONIA Aurea. Showy garden annual, with large single yellow flowers					
BEGONIA. Produce magnificent flowers; grown either in pots or bedded out.	1	H. A.	...	.40	.05
Tuberous-Rooted. Single, mixed. Large flowering	1	G. P.	...	...	.50
Tuberous-Rooted. Double, Mixed. Large flowering	...	...	...	...	.50
Fibrous-Rooted. Rex, mixed varieties. Ornamented foliage of red, gold, green, bronze, etc.	1	...	...	...	.25
Semperflorens, rose	1½	...	...	...	.25
Alba, white	...	...	...	...	.25
Vernon, red, for borders	...	...	...	...	.25
Bijou, bright scarlet	...	...	...	...	.25
Erfordii. The best carmine bedding variety	...	...	...	...	.25
Gracilis. Freeflowering, delicate rose	¾	...	...	...	.25
BEEES. Ornamental foliage plants for borders.					
Crimson-veined Brazilian	2	H. A.	...	.25	.05
Golden-veined Brazilian	2	...	...	.25	.05
Scarlet-veined Brazilian	2	...	...	.25	.05

NAME AND DESCRIPTION.	Height in Feet	Duration	Per Ounce	Per Pkt.
BELLIS perennis fl. pl. (Double English Daisy). Popular spring-flowering perennial often used with pansies and forget-me-nots...	½	H. P.	...	...
Longfellow. Pink .....	...	...	\$3.00	\$0.10
Snowball. Pure white .....	...	...	3.00	.10
Giant Red. Very rare .....	...	...	3.00	.10
Giant Double, mixed colors .....	...	...	3.00	.10
BOCCONIA Japonica. Large glaucous decorative leaves	4	H. P.	.30	.05
BRACHYCOME iberidifolia. Mixed. Swan River Daisy, for edging..	1	H. H. A.	.50	.05
BROWALLIA , mixed colors. Free-flowering annuals	2	H. H. A.	1.00	.10
Speciosa major. Produces flowers 1½ to 2 inches across; blue with white throat .....	...	...	...	.25
BRYONOPSIS laciniosa. Pretty ornamental gourd	5	T. A.	.30	.05
CACALIA (Tassel Flower.) Mixed; scarlet and orange	2	H. A.	.30	.05
CALAMPELIS scabra. Ornamental climber; tubular orange-colored flowers	10	H. A.	...	.10
CALANDRINIA. Mixed. Red and purple flowers	½	H. A.	...	.05
CALCEOLARIA HYBRIDA GRANDIFLORA. Highly-prized plants for conservatory and house decoration.	...	...	...	...
Large-Flowering, spotted and mottled, mixed	1	G. P.	...	.25
Large-Flowering, self-colored, mixed .....	...	...	...	.25
CALENDULA. (Cape Marigold.) Free and continuous flowering garden plants	1	H. A.	...	...
Pongei, fl. pl., double white .....	...	...	.25	.05
Meteor, double yellow-striped orange .....	...	...	.25	.05
Grandiflora, light yellow .....	...	...	.25	.05
Prince of Orange, orange, large flowered .....	...	...	.25	.05
CALLIOPSIS. Nothing is more effective than a large bed of these golden flowers; exceedingly free-flowering.	...	...	...	...
Golden Wave (Drummondii.) Pure yellow flowers, very large and showy	1	H. A.	.30	.05
Marmorata. Maroon and gold	1½	...	.30	.05
Elegans picta. Yellow and brown	2	...	.30	.05
Finest Mixed. All shades of yellow, red and brown .....	...	...	.25	.05
CALLIRHOE involucrata (Poppy Mallow.) Beautiful trailing plant, with palmate foliage; flowers large, crimson, with white center...	1	H. P.	.75	.05
CAMPANULA Pyramidalis. (Chimney Bell.) Very conspicuous towering spikes, with clear blue flowers .....	...	H. P.	.75	.10
Pyramidalis alba. Pure white	4	...	.75	.10
Persicifolia grandiflora, Blue. Hardy perennials, with superb large flowers	2	H. P.	...	.25
Persicifolia grandiflora alba. A white-flowered variety	2	...	...	.25
Persicifolia grandiflora, Fine Mixed. Very showy	2	...	...	.25
CANTERBURY BELLS. Well-known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders	2	H. B.	...	...
Medium Blue. Blooms first year, if sown early .....	...	...	.30	.05
Medium White. Pretty for contrasts .....	...	...	.35	.05
Medium Rose .....	...	...	.35	.05
Medium Striped. Very fine .....	...	...	.50	.05
Medium Mixed .....	...	...	.30	.05
Medium Double Blue. Rich, heavy, curious flowers	2	...	...	.10
Medium Double White. Of waxen appearance .....	...	...	...	.10
Medium Double Rose .....	...	...	...	.10
Medium Double Mixed .....	...	...	...	.10
Medium Calycanthema "Cup and Saucer."	2	H. B.	...	.10
Medium Calycanthema. Mixed Shades .....	...	...	...	.10
Medium Calycanthema. Blue, Rose and White. Separate .....	...	...	...	.10
CANARY-BIRD VINE. Pretty climber, with yellow butterfly-like flowers	10	H. H. A.	.30	.05
CANDYTUFT. Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut-flowers.....	...	H. A.	...	...
Coronaria Empress. A large-flowered variety of purest white, grown extensively for cut-flowers	1	...	.30	.05
Coronaria Little Prince. Very large heads of pure white flowers..	½	...	.75	.10
Coronaria Giant Hyacinth-Flowered. White	1	...	.40	.10
Umbellata carnea. Flesh-colored	1	...	.25	.05
Umbellata Dunnetti. Dark crimson	1	...	.25	.05
Umbellata lilacina. Lilac	1	...	.25	.05
Umbellata carminea. Bright carmine	1	...	.35	.05
Umbellata Dwarf Hybrids. Mixed colors. Neat and pretty	½	...	.50	.10
Mixed Annual Sorts	1	...	.25	.05
Sempervirens. White flowers	1	H. P.	...	.10
Gibraltarica. Beautiful bluish-white	1	H. P.	...	.10



Calendula, Prince of Orange.



Celosia Plumosa.

NAME AND DESCRIPTION.	Height in Feet	Duration	Per Ounce	Per Pkt.
CANNA. Mixed, tall varieties	3	G. P.	\$0.20	\$0.10
Crozy's Large Flowering. Mixed varieties	2	.....	.50	.10
CARNATION. Sown under glass in early spring, or later in the open ground, the plants will flower second summer.				
Marguerite (<i>Dianthus Caryophyllus</i> , fl. pl.) The perpetual-flowering Carnations produce a large proportion of double flowers in six months from sowing.				
Marguerite, Double White. Large, perfect flowers	1½	H. H. P.	...	.25
Marguerite, Double Yellow. A clear, soft shade	1½	.....	...	.25
Marguerite, Double Tall Mixed. All colors	1½	.....	\$1.00	.10
Marguerite, Giant Double. Extra-large and perfect-flowering, in a rich variety of colors	1	.....	...	.25
Grenadine. Double Scarlet. Very early flowering	2	.....	...	.10
Fine Double Mixed. A good strain for outdoor culture	2	.....	1.50	.10
Finest Double Mixed. Saved from extra fine flowers	2	.....	...	.25
Chabaud's Everblooming. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely.				
Mixed colors	1½	.....	...	.25
CASTOR BEANS. (See <i>Ricinus</i> .)				
CELOSIA CRISTATA or COCKSCOMB. Popular annual of easy culture, producing cockscomb-like heads				
Empress. Crimson combs; dark foliage	¾	H. H. A.	...	.10
Glasgow Prize. Large deep crimson	1	.....	...	.10
Vesuvius. Fiery scarlet	¾	.....	...	.10
Dwarf. Mixed colors. Extra fine strain .....	...	.....	...	.05
CELOSIA PLUMOSA or OSTRICH PLUME. Producing large, graceful plumes. Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets				
Pyramidalis Aurea. Golden yellow plumes	3	H. H. A.	...	.10
Pyramidalis Kermesina. Crimson plumes	3	.....	1.50	.10
Pyramidalis Thompson's Superb (<i>Triomphe de l'Exposition</i> .) Of pyramidal growth, and producing graceful, feathery plumes of the most brilliant crimson	3	.....	1.50	.10
Pyramidalis Plumosa, Mixed. Feathered varieties in all colors	3	.....	1.00	.05
CENTAUREA. Beautiful silvery-foliaged bedding plants; used for bordering:				
Candidissima. Round compact plants; white leaves, broadly cut... ..	1	H. H. P.	1.00	.10
Gymnocarpa. Fine-cut silvery foliage	1½	.....	1.00	.10
CENTAUREA, HARDY ANNUALS. These flower finest in full sun and thin soil. Sow in the open ground in spring.				
Americana. Busy garden plants. Lavender-Blue. Fragrant	3	H. A.	.50	.10

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
CENTAURIA. —Continued.					
Chameleon. Large. Yellow and rose	1½	.....	\$2.00	\$0.10	
Margaritae. Pure white, 2½ inches across, exquisitely lacinated and delightfully scented	1½	.....	1.00	.10	
Moschata. Purple Sweet Sultan	1½	.....	.40	.05	
Moschata Alba. White Sweet Sultan	1½	.....	.40	.05	
Moschata. Mixed Sweet Sultan	1½	.....	.40	.05	
Suaveolens. Yellow Sweet Sultan. Fine	1½	.....	.40	.05	
CENTAUREA IMPERIALIS			H. H. A.	...	...
Giant Imperial Sweet Sultans. A new race, with large flowers.	3	.....	...	...	...
Separate Colors. Lilac, White, Pink with white center, Purple, Rose. ....		.....	...	.10	
Finest Mixed. All colors .....		.....	1.00	.10	
CENTAUREA Cyanus (Batchelor's Button, Corn-flower, Blue Bottle, or Ragged Sailor.) This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountains.			H. A.	...	...
Emperor William. The true deep blue Bachelor's Button	1½	.....	.25	.05	
Finest Mixed .....		.....	.25	.05	
Collection of Six Varieties <i>Centaurea Cyanus</i> .....		.....	...	.30	
CENTRANTHUS Macrosiphon. Mixed. Free-blooming	1½	H. A.	.30	.05	
CENTROSEMA grandiflora (Butterfly Pea.) Flowers purple and white.	8	H. C.	...	.10	
CERASTIUM Tomentosum. Hardy, silvery-leaved	½	H. P.	...	.25	
CHRYSANTHEMUM, Annual Varieties. Showy hardy annuals of easiest cultivation and blooming from July until frost.					
Coronarium, Double White	1½	H. A.	.30	.05	
Coronarium, Double Yellow .....		.....	.30	.05	
Coronarium, Double Mixed. Yellow, white, etc. ....		.....	.30	.05	
Inodorum Plenissimum. Free-flowering variety of spreading habit, with pure white flowers, resembling Asters.	1	.....	.50	.10	
Tricolor Burridgeanum. Lord Beaconsfield. Single daisy-like flowers, white, crimson, and yellow.	1	.....	.50	.05	
—Eclipse. Single, golden yellow, with scarlet ring and brown disc.	1	.....	.50	.05	
—Single, Finest Mixed	1	.....	.40	.05	
—Double-Fringed Mixed. This is a very graceful flower.	1	.....	.75	.05	
Collection of Six Varieties. Annual. ....		.....	...	.30	
CHRYSANTHEMUM, Perennial Varieties.					
Frutescens. The White Paris Daisy. Charming plant for green- house or summer bedding out doors.	1½	G. P.	...	.10	
Japonicum fl. pl. From Finest Japanese Flowers. An extra-choice mixture	3	G. P.	...	.25	
Maximum. "Perfection." Very free-flowering; pure white	1½	H. P.	...	.10	
Maximum. "Princess Henry." Compact growth; well-formed, pure white flowers.	1½	H. P.	...	.10	
Leucanthemum hybridum (the Shasta Daisy.) Pure white; very large.	3	H. P.	...	.10	
CINERARIA hybrida. One of the most gorgeous-colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September.					
Grandiflora Prize Mixed. Grand large blooms in umbel spikes, borne way above the foliage, colors and markings are superb.	2	G. P.	...	.50	
Grandiflora, Dwarf Prize Mixed. This strain is just as choice as above, but different in height.	1½	.....	...	.50	
Stellata hybrids, mixed colors. Tall pyramidal plants, bearing star- like flowers	2	.....	...	.25	
CINERARIA, maritima. A white-leaved "Dusty Miller," used for bedding					
Acanthifolia. White, finely-cut leaves	1	H. H. P.	.40	.05	
CLARKIA, double mixed. Free-blooming garden plants	1½	H. A.	.30	.05	
CLEMATIS flammula. Hardy climber, feathery white, fragrant flowers					
Paniculata. Pure white fragrant flowers	30	H. C.	...	.05	
Jackmanni hybrids	20	.....	...	.10	
CLIANTHUS, Dampieri. (Austrian Glory Pea.) Scarlet flowers.	30	.....	...	.10	
3	G. S.	...	.15		
CLEOME pungens. (Spider Plant). Clusters of spider-like flowers of rose color					
4	H. P.	...	.10		
COBAEA Scandens. Tender climber, large bell-shaped blue flower.					
20	T. P.	.75	.10		
White. Large white bell-like flowers .....		.....	...	.15	
COCCINEA Indica. Annual climber, scarlet fruits, mottled white.	10	H. A.	...	.10	
COCKSCOMB. (See <i>Celosia Cristata</i> .)					
COLEUS, Choice Mixed. Richly-colored foliage					
2	G. P.	...	.10		
New fringed, large-leaved hybrids, mixed .....		.....	...	.25	



Chrysanthemum.



Cosmos.



Convolvulus Major.



Cypress Vine.

NAME AND DESCRIPTION.

	Height in Feet	Duration	Per Ounce	Per Pkt.
COLINSIA, Mixed. Flowers white, crimson, purple	2	H. A.	\$0.25	.05
COLUMBINE. (See <i>Aquilegia</i> .)				
CONVOLVULUS, or Morning Glories. —(See also <i>Morning Glory</i> .) Deservedly very popular, as they are one of the most free- flowering and rapid-growing plants in cultivation, thriving in al- most any situation.				
Mixed Colors. Climbers of rapid growth	30	H. A.	.15	.05
Minor, or Bush Morning Glories. Mixed Colors	1	H. A.	.15	.05
COREOPSIS. Long-stemmed, large single flowers		H. P.	...	...
California Sunbeams. Flowers very large, in a great variety of forms and shades of yellow and brown	1	.....	.50	.10
Grandiflora. Large flowers of rich yellow	2	.....	.50	.10
Lanceolata. Yellow, with brown eye	2	.....	.50	.10
CORN-FLOWER. (See <i>Centaurea Cyanus</i> .)				
COSMOS. This is one of our most useful and beautiful autumn flow- ers. To get it in bloom early, the seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted..		H. A.	...	...
Early Flowering. Mixed colors, compact bushy growth	4	.....	.50	.10
Giant Fancy. White	6	.....	.50	.10
Giant Fancy. Red. Deep and dark .....	.....	.....	.50	.10
Giant Fancy. Pink. Bright clear shades .....	.....	.....	.50	.10
Giant Fancy. Mixed. All shades from white to crimson .....	.....	.....	.40	.05
Lady Lenox. Large shell-pink flowers	5	.....	.50	.10
Marguerite. Petals deeply and irregularly fringed .....	.....	.....	.75	.10
COWSLIP, Mixed. (<i>Primula veris</i> .) A Spring-flowering plant.....	½	H. P.	...	.10
CUPHEA, Platycentra. (Cigar Plant.) Valuable as a bedding and border plant. The flowers are bright scarlet with a black and white lip	1	H. H. P.	.....	.25
CYCLAMEN. These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.....	.....	G. P.	.....	...
Giganteum. Mixed colors, from finest English strains	½	.....	.....	.50
Separate Colors. Crimson, Lilac, Pink, Red and White .....	.....	.....	.....	.50
CYPERUS, Alternifolius. (Umbrella Plant.) Handsome plants easily raised from seed; useful for table decorations and combining with palms; semi-aquatic	2	H. H. P.	...	.25
CYPRESS VINE. A fast-growing annual vine, with feathery dark green foliage and star-like flowers	20	H. C.	...	...
Bright Scarlet .....	.....	.....	.30	.05
Finest Mixed .....	.....	.....	.30	.05
DAHLIA. Although perennials, these will flower the first season, if sown early	4	H. H. P.	...	...
Choice, Large Flowering. Double mixed .....	.....	.....	.....	.10
Cactus. New Choice; Mixed Colors .....	.....	.....	.....	.10
Single Large Flowering. Mixed, Self and Stripes .....	.....	.....	.....	.10
DAISY, Double. (See <i>Bellis Perennis</i> .)				
DATURA. (Trumpet Flower.) Robust garden annual, bearing large trumpet-shaped flowers	4	H. H. A.	...	...
Double Flowering. Mixed (<i>Fastuosa fl. pl</i>) .....	.....	.....	.30	.05
Cornucopia. Flowers white and purple.....	.....	.....	.30	.05



Digitalis (Foxglove).



Dimorphotheca Aurantiaca.

NAME AND DESCRIPTION.

	Height in Feet	Duration	Per Ounce	Per Pkt.
DELPHINIUM. (Larkspur.) Larkspurs are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use..	..	H. P.	...	...
Chinensis Mixed. (Grandiflorum.) Shades of blue and pure white.	1½	.....	\$0.50	\$0.10
Azureum. Azure blue .....	..	.....	.60	.10
Album. Pure white .....	..	.....	.60	.10
Elatum, Blue (Bee Larkspur.) Soft, clear blue flowers in tall spikes.	3	.....	.75	.10
Elatum hybridum, Finest Mixed. Very showy	3	.....	.50	.10
Formosum. Brilliant blue, white center; especially fine and attractive	3	.....	.75	.10
Formosum coelestinum. Sky-blue; handsome	3	.....	...	.25
Hybridum fl. pl. Finest double sorts in choice colors; a superb mixture	3	.....	...	.25
Nudicaule. The only pure bright scarlet. Dwarf and compact in growth	1	.....	...	.25
Zalil (sulphureum.) Very beautiful, with long spikes of yellow flowers	..	.....	...	.25
DIANTHUS. (Chinese or Indian Pinks.) These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors.				
DOUBLE ANNUAL PINKS.				
Dianthus Chinensis fl. pl. (Chinese Pink.) Large, double flowers in unlimited variety of colors. Finest Mixed	1	H. A.	.40	.05
Diadematus fl. pl. (Double Diadem Pink.) Large, double flowers. Mixed	1	.....	1.00	.10
Heddewigii fl. pl. (Japanese Pink.) Large, double flowers of exquisite colors, finest mixed.....	1	.....	.75	.10
Fireball, large double; brilliant red	1	.....	1.00	.10
Imperialis fl. pl. (Double Imperial Pink.) Variegated flowers of many colors. Mixed	1	.....	.60	.10
Laciniatus fl. pl. Double-fringed flowers; beautifully striped, many colors. Mixed	1	.....	1.00	.10
Collection of Double Annual Pinks, Six Varieties .....	..	.....	...	.30
SINGLE ANNUAL PINKS.				
Heddewigii. Large, attractive flowers of most brilliant colors. Finest Mixed	1	.....	.50	.05
Laciniatus. Single Mixed. Fringed flowers of all colors	1	.....	.60	.10
HARDY PERENNIAL PINKS.				
Plumarius Pheasant's Eye. Pretty fringed flowers	1	H. P.	1.00	.10
Plumarius Scoticus. (Double Scotch Pink.) Mixed	1	.....	...	.25
Plumarius semperflorens. (Perpetual Pink.) Mixed	1	.....	1.50	.10
Hybrid Dianthus. A cross between Sweet William and China Pink. Mixed colors	1	.....	...	.10
DICTAMNUS Fraxinella (Gas Plant, or Dittany). A vigorous, symmetrical plant with glossy foliage and large flowers. Mixed....	3	H. P.	.50	.10

NAME AND DESCRIPTION.	Height in Feet	Duration	Per Ounce	Per Pkt.
DIGITALIS , or Foxglove, hardy perennials, producing long spikes of tabular flowers .....	..	H. P.	...	...
Gloxinoides, White. Very handsome gloxinia-like flowers	3	.....	.50	.10
Gloxinoides, Purple .....	..	.....	.50	.10
Gloxinoides, Rose. Bright and showy .....	..	.....	.50	.10
Gloxinoides, Mixed. All the choice colors .....	..	.....	.40	.05
Monstrosa, mixed, very large flowers	4	.....	1.50	.10
All Varieties Mixed. Common Foxglove.....	3	.....	.30	.05
DIMORPHOTHECA Aurantiaca . Daisy-like blossoms of a rich orange colors, the disc is dark and surrounded by a black zone..	1½	H. A.	...	.10
DOLICHOS , or Hyacinth Bean. Annual climbers, with clusters of bean-like flowers	10	H. A.	...	...
"Daylight." This grand Hyacinth bean comes from Japan. Flowers pure white; pea-shaped	10	.....	.25	.10
"Darkness." Identical in every way to the above, except in color, which is a rich purple-violet .....	..	.....	.25	.10
Lablab, Mixed. Purple and white .....	..	.....	.15	.05
DRACAENA , indivisa, for vases, pots, etc, narrow green leaves.....	2	G. P.	...	.10
ECHEVERIA . A showy plant, for rockeries, or carpet beds .....	..	G. P.	...	...
Metallica. Pinkish leaves; flowers yellow and red	1	.....	...	.25
Secunda Glauca. Small bluish white fleshy leaves, flowers yellow..	¼	.....	...	.25
ECHINOCYSTIS lobata . (Wild, or California Cucumber). The fast- est-growing annual vine in existence; will grow 20 feet in six weeks. Pretty foliage and inconspicuous white flowers	20	H. A.	.25	.05
EDELWEISS . (Leontopodium Alpinum) the famous Alpine flower..	½	H. P.	...	.25
ERYNGIUM giganteum . (Sea Holly.) Spiny foliage and small amethyst-blue flowers in large panicles	4	H. P.	...	.10
ERINUS Alpinus . Blue; beautiful for baskets	¼	H. P.	...	.25
ESCHSCHOLTZIA , or California Poppy. Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine-cut, glaucous foliage; in bloom from June to frost.	1	H. A.	.30	.05
California, sulphur-yellow with orange center	2	.....	.40	.05
Golden West. A new variety, large flowers of deep yellow	1	.....	.40	.05
Mandarin, large, scarlet, inside orange	1	.....	.70	.05
Burbank's Crimson. Crimson.....	1	.....	.30	.05
Single Mixed. All colors .....	..	.....	...	...
EUPATORIUM Fraseri . White, fine for cutting	2	H. P.	...	.10
EUPHORBIA heterophylla . (Fire on the Mountain.) Leaves large and glossy green, often tipped with orange-scarlet	4	H. A.	...	.10
Variegata. (Snow on the Mountain.) White and green bracts; ex- cellent for bouquets	1½	.....	...	.10
FERNS , Greenhouse Variety, mixed .....	..	G. P.	...	.25
FEVERFEW . (See <i>Matricaria</i> .)				
FORGET-ME-NOT . (See <i>Myosotis</i> .)				
FOUR O'CLOCKS . (See <i>Marvel of Peru</i> .)				
FOX-GLOVE . (See <i>Digitalis</i> .)				
GAILLARDIA . Showy garden annuals, with large flowers.				
Amblyodon, blood red	2	H. A.	...	.05
Mixed, Single .....	..	.....	...	.05
Lorenziana, double mixed .....	..	.....	.30	.05
Giant Hybrids, mixed	2	H. P.	.80	.10
Collection of Six Annual Varieties .....	..	H. A.	...	.40
GENTIANA acaulis . (Gentian.) Intense bluebell-shaped flowers... ¼	¼	H. P.	...	.10
GERANIUM . Well-known plants for garden or pot culture.				
Zonale. Finest mixed	2	G. P.	...	.10
GERBERA Jamesoni Hybrida . (The Transvaal Daisy.) Fine for cut- flowers or bouquets	1½	H. H. P.	...	.25
GILIA . Very effective in masses and rockwork .....	..	H. A.	...	...
Mixed. White, lilac and purple	1	.....	.25	.05
GLOBE AMARANTH (<i>Gomphrena</i> .) Clover-like heads of flowers; esteemed as everlasting .....	..	H. A.	...	...
Globosa alba. White	1	.....	.25	.05
Globosa Rosea. Rose	1	.....	.25	.05
Globosa. Mixed colors	1	.....	.25	.05

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
GLOXINIA. Charming pot plants, flowering during summer in the greenhouse or window ..					
Giant Flowering, mixed. Flowers 4 inches diameter	1	G. P.	...	...	...
Erect Flowering. Extra choice strain	1	.....	.....	...	\$0.50
GODETIA. Bushy Annual, with showy large flowers					
Finest Mixed Colors	1½	H. A.	...	...	...
Collection of Six Sorts .....	.....	.....	.....	\$0.25	.05
GOURDS. Thrifty annual climbers, bearing "Ornamental Gourds." ..					
Apple-shaped	20	H. H. A.	.....	.....	.....
Bottle-shaped .....	.....	.....	.....	.25	.05
Dipper. Bowl-shaped, with long, slender neck .....	.....	.....	.....	.25	.05
Dish-Cloth. (Chinese Loofa, or Sponge Gourd.) Large, elongated fruit, spongy inside. Flowers deep golden yellow .....	.....	.....	.....	.25	.05
Egg. Fruit white, resembles eggs .....	.....	.....	.....	.30	.05
Hercules' Club. Enormous fruit, often 4 feet long, thicker at the base .....	.....	.....	.....	.25	.05
Serpent. Fruit striped like a serpent, 3 to 5 feet in length and very slender .....	.....	.....	.....	.30	.05
Mixed Ornamental Varieties .....	.....	.....	.....	.25	.05
Collection of 12 Ornamental Gourds .....	.....	.....	.....	...	.50
GRASSES, ORNAMENTAL. A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent for borders, clumps on lawn or near ponds. The annual sorts are particularly pretty on account of the graceful feathery flower-panicles, which are used in bouquets.					
Agrostis Nebulosa. Very graceful and pretty	1½	H. A.	...	...	.10
Briza Maxima. (Quaking Grass.) Very pretty	1½	H. A.	...	...	.05
Gracilis. (Small-Quaking Grass.) Very graceful	1	H. A.	...	...	.05
Bromus Brizaeiformis. Fine for winter bouquets	1	H. P.	.....	.25	.05
Coix lachryma. (Job's Tears.) Foliage quite broad. Seeds prominent, very large and shiny	3	H. A.	.....	.20	.05
Erianthus Ravennae. Silvery plumes, resembling Pampas Grass... ..	8	H. P.	.....	.60	.10
Gynerium argenteum. The famous Pampas Grass, with beautiful silvery plumes	10	H. P.	.....	.60	.10
Hordeum jubatum. (Squirrel-tail Grass.) A pretty variety, with bushy panicles of flowers	3	H. A.	.....	.50	.10
Pennisetum longistylum. An annual grass, with gracefully drooping heads	2	H. A.	.....	.30	.10
Ruppelianum. Hardy perennial grass, growing 3 feet high, with violet-tinted silvery plumes. The deep green foliage is long and slender	3	H. P.	.....	.50	.10
Stipa pennata. (Feather Grass.) Hardy perennial, with silvery white, feathery plumes	5	H. P.	.....	.50	.10
GREVILLEA Robusta. (Silk Oak), with graceful foliage	5	G. S.	.....	.75	.10
GUNNERA Manicata. A magnificent foliage plant	6	H. P.	.....	...	.25
GYPSOPHILA. (Baby's Breath.) Extremely useful for bouquets. Flowers small, and come in delicate sprays and panicles.					
Elegans alba grandiflora. An improved large-flowering, pure white form of the annual Baby's Breath, of free and easy growth.....	1½	H. A.	.....	.50	.10
Rosea grandiflora. Delicate rose	1½	H. A.	.....	.50	.10
Muralis. Bright rose	1½	H. A.	.....	.50	.05
Paniculata. One of the finest for cutting. Pure white flowers, very small and borne in large panicles	2	H. P.	.....	.50	.10
HELIANTHUS. (See Sunflower.)					
HELICHRYSUM, or Straw Flower. Large, double "everlasting" flowers.					
Large-Flowering, Double, Mixed Colors	1½	H. A.	.....	.50	.05
Collection of Six Colors .....	.....	.....	.....	...	.30
HELIOTROPE. Well-known fragrant flowering plants for pots or gardens					
Finest Mixed	1½	G. P.	.....	...	.05
Lemoine's Giant Hybrids, Mixed .....	.....	.....	.....	...	.10
HEUCHERA sanguineus splendens. Long spikes of fiery red flowers..	1	H. P.	.....	...	.15
HIBISCUS Africanus. Robust annual, with saucer-shaped flowers... ..	2	H. A.	.....	.25	.05
Crimson Eye. White flowers, with a crimson spot in center.....	3	H. P.	.....	...	.10
Moscheutos. (Swamp Rose Mallow.) Flowers of a light rosy-red, with dark centre	3	H. P.	.....	.50	.05



Kochia Trichophylla.



Lavatera Splendens Rosea.

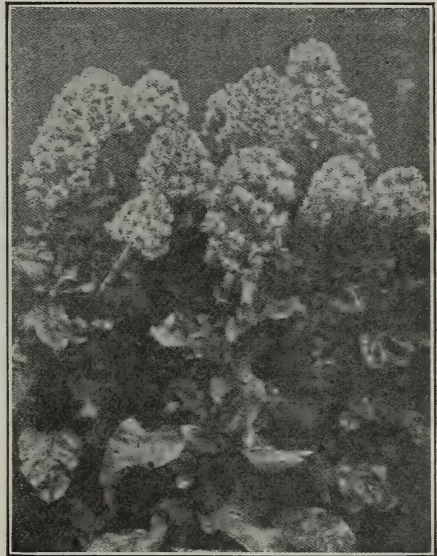
NAME AND DESCRIPTION.

	Height in Feet	Duration	Per Ounce	Per Pkt.
HOLLYHOCKS. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants are sprayed frequently in early spring with bordeaux mixture...				
Double Maroon	6	H. P.	....	....
Bright Pink .....	..	....	\$2.00	\$0.10
Bright Red .....	..	....	2.00	.10
Salmon Rose .....	..	....	2.00	.10
White .....	..	....	2.00	.10
Yellow .....	..	....	2.00	.10
Double Fine Mixed .....	..	....	1.00	.05
Extra Choice, Double, Mixed Colors .....	..	....	1.50	.10
Ever-blooming, Double, Mixed. Flowers the first season from seed.	..	....	1.50	.10
Very fine colors .....	..	....	1.50	.10
Collection of Double Hollyhocks. Six colors .....	..	....	....	.40
Collection of Double Hollyhocks. Ten colors .....	..	....	....	.60
Single, Mixed. All colors	6	....	1.00	.10
Ever-blooming, Single, Mixed .....	..	....	1.50	.10
HUMEA elegans. Sweet-scented branches of pink flowers	6	H. H. B.	...	.10
HUMULUS japonicus. (Japanese Hop.) A climber with dense green foliage	30	H. H. A	.40	.05
Japonicus, variegated. A variety of the above .....	..	....	.50	.05
HUNNEMANNIA fumariaefolia. (Giant Yellow Tulip Poppy.) Flowers are tulip-shaped, pure golden yellow. When cut and put in water they will last a full week	1½	H. A.	.60	.10
HYACINTH BEAN. (See Dolichos.)				
ICE PLANT. (Mesembryanthemum crystallinum.) For vases and rockwork	½	H. H. A.	.50	.05
IMPATIENS. (Sultan's or Zanzibar Balsam.)				
Sultani. Flowers of brilliant rosy-scarlet color	2	G. P.	...	.25
Holstii Hybrids. Form strong bushy plants, covered with attractive flowers. As pot plants they bloom the year round.				
Choicest mixed	2	.. ..	...	.25
INCARVILLEA Delavayi. The flowers are borne on long, stout stems, tube-shaped. Color, bright rose	2	H. P.	...	.25
INULA glandulosa grandiflora. Large, yellow flowers	2	H. P.	...	.25

NAME AND DESCRIPTION.	Height in Feet	Duration	Per Ounce	Per Fkt.
IPOMOEA (Morning-Glory, See also Convolvulus.) Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable	20	H. A.	...	...
Grandiflora alba. (Moonflower.) Large, heart-shaped leaves and large, pure white flowers, which open only late in the evening...	..	.....	\$0.75	\$0.10
Rubro-coerulea (Heavenly Blue.) Beautiful, large, sky-blue flowers	10	.....	1.00	.10
Setosa. Brazilian Morning-Glory.) Large, ornamental foliage, with bright rose flowers .....	..	.....	.50	.10
Imperial Japanese, Mixed. A great improvement over the old-fashioned sorts	15	.....	.25	.05
Fringed, Single, Mixed. All beautifully fringed .....	..	.....	.50	.10
Double-flowering, Mixed. Mixture of double sorts .....	..	.....	...	.10
Quamoclit. (See Cypress Vine.)				
JACOBEEA, Senecio. For large beds and borders. Blue	1	H. A.	.50	.05
Finest Mixed. Blue and white	1	.....	...	.05
KAULFUSSIA. Fine for edging. Mixed	1	H. A.	.50	.05
KENILWORTH IVY. Neat, hardy climber, clinging to walls, etc. ..	6	H. P.	...	.10
KOCHIA tricophylla. (Belvidere Summer Cypress, or Mexican Fire-bush.) Grows into a perfect pyramidal-shaped cypress bush, with small feathery light green foliage; becomes a lovely crimson hue about September. (See Cut, page 47.)	2½	H. A.	.50	.10
KUDZU VINE. (Pueraria Thunbergiana.)	30	H. P.	1.00	.10
LANTANA, Newest Hybrids, Mixed	2	G. S.	.50	.10
LARKSPUR. Elegant and ornamental plants, producing in great variety of form and colors.				
Dwarf Rocket. Finest colors. Fine for bedding	1	H. A.	.30	.05
Tall Rocket. Long, showy spikes	2	.....	.30	.05
Tall Branching. Choice, mixed	2	.....	.30	.05
Emperor, Branching. Beautiful for cutting .....	..	.....	...	...
Emperor, Branching. Azure Blue	2	.....	.50	.10
Emperor, Branching. Red striped .....	..	.....	.50	.10
Emperor, Branching. Rose .....	..	.....	.50	.10
Emperor, Branching. White .....	..	.....	.50	.10
Emperor, Branching. Finest Mixed .....	..	.....	.50	.10
Newport Scarlet. Can be treated either as an annual or biennial..	2	.....	.75	.10
Collection of Hyacinth Flowered, Six Varieties .....	..	.....	...	.30
Collection of Hyacinth Flowered, 12 Varieties .....	..	.....	...	.50
Collection of Emperor, Branching, Six Varieties .....	..	.....	...	.30
Perennial Larkspur. (See Delphinium.)				
LATHYRUS latifolius. (See Sweet Peas.)				
LAVATERA splendens rosea. (Pink Mallow.) Bushy plants; produce large, open, pink, mallow-like flowers in great profusion. Most decorative when cut for vases. (See Cut, page 47.)	3	H. A.	.50	.05
LEMON VERBENA. Lemon-scented foliage	3	G. S.	...	.10
LINARIA Cymbalaria. Kenilworth Ivy	6	H. P.	...	.10
LINUM grandiflorum rubrum. Single, scarlet flowers	1	H. A.	.20	.05
LOBELIA. Bushy plants, with pendent branches; very profuse flowering.				
Erinus speciosa. Bright blue flowers	½	H. H. A.	...	.05
Erinus gracilis. Blue flowers; trailing	½	.....	...	.05
Erinus mixed colors. White, blue, rose, etc. ....	..	.....	.50	.05
Erinus Crystal Palace, compacta. Dark blue .....	..	.....	...	.10
Erinus Emperor William. Light blue .....	..	.....	...	.10
Erinus Royal Purple. Deep blue, with a distinct white eye ..	..	.....	...	.10
Perennial Varieties:				
Cardinalis. (Cardinal Flower.) A native variety, with spikes of scarlet flowers; fine border plant	3	H. P.	...	.25
Queen Victoria. A beautiful variety, with dark bronzy foliage; flowers brilliant scarlet	3	.....	...	.25
LOPHOSPERNUM, Scandens. Dark rose. A rapid-growing climber.	8	H. H. A.	...	...
LOVE-LIES-BLEEDING. (See Amaranthus.)				
LOVE-IN-A-MIST. (See Nigella.)				
LUPINUS. Free-flowering plants, with long spikes of flowers.				
Snow Queen. A grand white variety	2	H. A.	1.00	.10
Mixed, Annual Varieties	2	H. A.	.20	.05
Mixed, Perenn'ial Varieties	3	H. P.	.35	.05
LYCHNIS chalcedonica. The old favorite Scarlet Lychins	4	H. P.	...	.05
Haageana hybrids, mixed colors. Bushy little plants	1	.....	...	.10
MALOPE, Grandiflora. Mixed	2	H. A.	.25	.05



Marigold, African.



Mignonette, Allen's Defiance.

NAME AND DESCRIPTION.

	Height in Feet	Duration	Per Ounce	Per Pkt.
MARIGOLD. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early summer till frost.				
African Varieties	2	H. A.	...	...
Eldorado. Large, quilled, perfectly double; brilliant shades of yellow ..	..	.....	\$0.50	\$0.05
Pride of the Garden. Canary-yellow .....	..	.....	.50	.05
Prince of Orange. Beautiful orange color .....	..	.....	.50	.05
Mixed Double .....	..	.....	.40	.05
Collection, Double African. Six Colors .....	..	.....	...	.25
French Varieties:				
Dwarf Gold Striped. Rich and quaintly striped double flowers....	1	H. A.	.50	.05
Legion of Honor. Single yellow blooms, marked with red	¾	.....	.50	.05
Dwarf Mixed, Double	1	.....	.40	.05
Collection, Double French Dwarf. Six Colors .....	..	.....	...	.25
MARVEL OF PERU, Mixed. (Four O'Clocks.)	2	H. A.	.20	.05
Variegated Foliage, Mixed Colors .....	..	.....	.30	.05
MATHIOLA bicornis. (Evening Scented Stock.)	1½	H. H. A.	.30	.05
MATRICARIA. (Feverfew.) Low-growing plants, suitable for beds and edgings				
Capensis Plena. Dwarf, double white.....	1	H. H. P.	...	...
Eximia, plena. White; quilled	1½	.....	.50	.05
MAURANDYA. Mixed Colors. Tender climber	6	H. H. P.	...	.10
MESEMBRYANTHEMUM tricolor. Dwarf edging plants	1½	H. H. A.	.50	.05
MIGNONETTE , large-flowering. The popular fragrant garden annual				
The seed can be sown at any time, and, if successive sowings are made, its fragrant, modest colored flowers may be gathered out doors until November .....	..	H. A.	...	...
Allen's Defiance. Full round spikes of great length	1½	.....	.75	.10
Bismarck. Improved dwarf. Machet variety	1	.....	1.00	.10
Crimson Giant. Deep red flowers.....	..	.....	1.50	.10
Goliath. Red; enormous spikes	1	.....	...	.10
Golden Queen. Compact yellow flowers	1	.....	.50	.05
Machet, Dwarf. Strong plants of pyramidal growth; long, broad spikes of deliciously-scented red flowers	¾	.....	.75	.10
New York Market. The finest of all the fancy varieties of Mignonette for winter forcing. Seed saved from select spikes under glass.	1½	.....	...	.50
Ruby. A very fine strain of the Machet, with coppery scarlet flowers.	1	.....	1.00	.10
Sweet-scented. (Reseda Odorata Grandiflora.) The large-flowering garden variety	1	.....	.15	.05

NAME AND DESCRIPTION.	Height in Feet	Duration	Per Ounce	Per Pkt.
MIMOSA pudica. (Sensitive plant.) The leaves close when touched.	1	H. H. A.	\$0.50	\$0.05
MIMULUS tigrinus, spotted, mixed. (Monkey flowers.)	1	H. A.	...	.10
Moschatus. (Musk Plant.) Fragrant; for pots	½	H. H. A.	...	.05
MINA lobata. Rapid climber, with crimson and orange flowers.	10	H. H. A.	...	.10
MOMORDICA. Trailing plants, with curious and ornamental foliage and remarkable fruit.				
Balsamina. (Balsam Apple.) Orange fruit	15	H. H. A.	.50	.05
Charantia. (Balsam Pear.) Copper-colored scarlet fruit	15	.....	.50	.05
Involucrata. (Red Balsam Apple.) Sulphur-yellow fruits, which change to rich carmine-scarlet	15	.....	...	.10
MOON FLOWER. (See <i>Ipomoea Grandiflora</i> .)				
MORNING GLORIES. (See <i>Ipomoea</i> and <i>Convolvulus</i> .)				
MUSA ensete. (Abyssinian Banana.) A subtropical foliage plant..	..	G. P.	...	.25
MUSK. (See <i>Mimulus</i> .)				
MYOSOTIS, or Forget-Me-Nots. Popular perennials.				
Alpestris, blue	½	H. P.	.60	.05
Alpestris, Mixed Colors. White, blue, pink, etc.	.....	.....	.50	.05
Dissitiflora. Blooms very early; flowers blue	1	.....	...	.10
Palustris, large-flowering. Dark blue	1	.....	...	.10
Robusta grandiflora. Eliza Fonrobert. A very strong-growing variety, with bright blue flowers	1	.....	1.00	.10
Victoria. The plants are of dwarf, compact growth, with multitude of bright blue flowers in dense umbels	½	.....	...	.15
MYOSOTIDIUM nobile. (New Zealand Forget-Me-Not.) Azure blue, edged white	2	H. P.	...	.25
NASTURTIUM. (<i>Tropaeolum nanum</i> .)				
TOM THUMB, or Dwarf Varieties. These have a compact habit and attractive foliage; are not disturbed by insects; bloom in two months from sowing, and most profusely the whole season.	1	H. A.	...	...
Aurora. Yellow-veined	1	H. A.	.20	.05
Beauty. Yellow and scarlet	.....	.....	.20	.05
Cloth of Gold. Scarlet, yellow foliage	.....	.....	.20	.05
Empress of India. Crimson; dark foliage	.....	.....	.20	.05
King Theodore. Garnet; dark foliage	.....	.....	.20	.05
King of Tom Thumbs. Scarlet	.....	.....	.20	.05
Luteum. Bright yellow; no blotches	.....	.....	.20	.05
Pearl. Creamy white	.....	.....	.20	.05
Rose Color	.....	.....	.20	.05
Dwarf, Mixed Colors. ¼ lb., 35 cts.; lb., \$1.00	..	.....	.10	.05
Marshall's Giant Mixture. These contain all the leading named sorts, mixed	..	.....	.20	.10
Collection of 12 Varieties	.....	.....	...	.50
NASTURTIUM. (<i>Tropaeolum majus</i> .) Tall or Climbing Varieties. adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers.	6	H. A.	...	...
Chameleon. Various colors on one plant	.....	.....	.15	.05
Dark Crimson	.....	.....	.15	.05
Jupiter. New giant-flowered; beautiful golden yellow	.....	.....	.15	.05
King Theodore. Crimson; dark foliage	.....	.....	.15	.05
Pearl. Whiteish	.....	.....	.15	.05
Rose. (von Moltke.)	.....	.....	.15	.05
Scarlet	.....	.....	.15	.05
Striped	.....	.....	.15	.05
Yellow	.....	.....	.15	.05
Vesuvius. Salmon	.....	.....	.15	.05
Mixed, Climbing Varieties ¼ lb., 30 cts.; lb., \$1.00	..	.....	.10	.05
Collection of 12 Varieties	.....	.....	...	.50
Marshall's Giant Mixture. From the best-named varieties	.....	.....	.15	.10
LOBB'S NASTURTIUMS. (<i>Tropaeolum Lobbianum</i>)	6	H. A.	...	...
Fimbriatum Mixed. Fringed sorts, mixed	.....	.....	.40	.10
Finest Mixture	.....	.....	.20	.05
Madame Gunter Hybrids. A French strain, noted for wide range of fine colors	1	.....	.25	.05
NEMESIA, Strumosa gradiflora Suttonii. Bushy plants; flowers of unique form	¾	H. A.	...	.10
NEMOPHILA, mixed colors	1	H. A.	.25	.05
NICOTIANA affinis. Fragrant, star-shaped white flowers	3	H. H. A.	.30	.05
Affinis Hybrids. Large-flowered; sweet-scented. All shades; mixed.	2	.....	1.00	.10
Sanderæ Hybrids. All colors	3	.....	.50	.10
NIEREMBERGIA Frutescens. For hanging baskets or borders.				
Large, cup-shaped lilac flowers	1	H. H. P.	...	.10

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
NIGELLA. (Love-in-a-Mist.) Beautiful border plants .....		..	H. A.	...	\$0.05
Miss Jekyll. A lovely variety with cornflower-blue blossoms; splendid for cutting		1½	.....	\$0.50	.10
Finest Mixed. Blue, white and purple		1½	.....	.25	.05
OENOTHERA. (Evening Primrose.) Finest mixed		1	H. A.	.25	.05
PANSIES are the most popular flowers grown. They thrive best in a cool, moist, but well-drained soil		½	H. A.	...	...
Marshall's Matchless Mixture. This matchless strain consists en- tirely of the newest, best-shaped, and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest selected flowers .....		.....	.....	8.00	.25
Superb Giant, mixed. A rich and most choicely varied mixture. Producing only the finest colors, largest flowers and most beauti- ful forms .....		.....	.....	5.00	.25
German, finest mixed .....		.....	.....	1.50	.10
Good Mixed Pansies .....		.....	.....	1.00	.05
GIANT PANSIES, in Varieties.		.....	.....	.....	.....
Giant Emperor William. Ultramarine-blue .....		.....	.....	1.50	.10
Giant Golden Queen. Beautiful pure yellow .....		.....	.....	1.50	.10
Giant Golden Yellow, with Dark Eye .....		.....	.....	1.50	.10
Giant King of the Blacks .....		.....	.....	1.50	.10
Giant Lord Beaconsfield. Violet, shaded white .....		.....	.....	1.50	.10
Giant Orchid-flowered Mixed .....		.....	.....	2.50	.25
Giant Ruby Red. A very brilliant variety .....		.....	.....	2.00	.10
Giant Snow Queen. Pure white .....		.....	.....	1.50	.10
Giant Striped. Variety of markings .....		.....	.....	2.50	.20
Giant White, with Black Eye .....		.....	.....	1.50	.10
Giant Trimardeau, Mixed. Large flowers in a good variety of colors. ....		.....	.....	2.00	.10
Collection of Six Varieties Giant Trimardeau .....		.....	.....	.....	.50
Collection of 12 Varieties Giant Trimardeau .....		.....	.....	.....	.75
PASSION FLOWER, Coerulea. Large; violet and blue		10	H. H. P.	...	.10
Incarnata. (May Pops.) White, with purple rays.....		25	.....	.....	.10
PENTSTEMON. Fine Mixed Colors		2	H. P.	...	.10
Marshall's Newest Hybrids. A superb mixture of the best perennial sorts .....		.....	H. P.	...	.25
PERILLA nankinensis. Ornamental-leaved plants		1½	H. A.	.25	.05
PETUNIA. One of our easiest cultivated and freest-flowering an- nuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost .....		..	H. A.	...	...
Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful colored double flowers in finest mixture		1	.....	...	.50
SINGLE VARIETIES.		.....	.....	.....	.....
Marshall's Superb Large-Flowered Mixed. Magnificent flowers, of various colors, with large throats, beautifully veined		1½	.....	...	.25
Marshall's Superb Large-Flowered, Fringed, Mixed. Flowers with fringed and frilled edges; distinct and beautiful		1½	.....	...	.25
Large-flowered, Finest Mixed. Fine large flowers in superb mixture.		1½	.....	...	.10
Striped and Blotched. (Inimitable.) Flowers quite large, and handsomely striped and spotted		1	.....	...	.10
Dwarf Inimitable. A superb sort of pot culture. Of very compact habit		¾	.....	...	.10
Fine Mixed. An assortment of medium-sized flowers; fine for bedding		1	.....	1.00	.05
Howard's Star. Crimson, with white star		1	.....	...	.10
Rosy Morn. Soft carmine pink .....		.....	.....	...	.15
Snowstorm. Pure white .....		.....	.....	...	.25
Collection of Six Large-flowered Varieties.....		.....	.....	...	.50
PHLOX, Drummondii Grandiflora. Improved large-flowering strains of this famous garden annual		1	H. .	...	...
Alba. White .....		.....	.....	1.00	.10
Atropurpurea. Blood-purple .....		.....	.....	1.00	.10
Chamoise-rose. Salmon-pink; orange eye .....		.....	.....	1.00	.10
Coccinea. Brilliant scarlet .....		.....	.....	1.00	.10
Isabellina. Yellow .....		.....	.....	1.00	.10
Rosea. Rose .....		.....	.....	1.00	.10
Kermesina. Crimson .....		.....	.....	1.00	.10
Stellata splendens. Star-like crimson .....		.....	.....	1.00	.10
Choicest Mixed. Contains a very large variety of colors.....		.....	.....	.75	.05
Collection of Six Separate Colors .....		.....	.....	.....	.50
Nana Compacta Fireball. Bright red		½	.....	...	.10
Nana Compacta Snowball. Compact, bushy form, pure white		½	.....	...	.10
Nana Compacta mixed colors. Star-shaped flowers		½	.....	2.00	.10
Star of Quedlinburg, mixed colors. Star-shaped flowers		1	.....	1.00	.10



Mixed Petunias.



Phlox Drummondii.



Single Portulaca.

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
PHLOX. Hardy Perennial Decussata. Most brilliant colored flowers in late summer and fall.					
PHYSALIS, Francheti (Giant Winter Cherry). Balloon like fruits...	3	H. P.	...	\$0.10	
PICOTEES, Choice Double. Mixed colors.	3	H. A.	...	.10	
PINKS. (See Dianthus.)	1	H. H. P.	...	.10	
PLATYCODON Grandiflora. The large-flowering Chinese Bell Flowers					
Grandiflorum. Large steel-blue flowers.	2	H. P.	...	.10	
—Album. Pure white variety.	2	...	...	.10	
POLYANTHUS, Mixed Colors. Fine varieties.	1½	H. P.	...	.10	
POPPIES. Showy, free-blooming, old-fashioned flowers. Very effective in mixed borders.					
Single Annual Varieties:	...	H. A.	...	...	...
Flag of Truce. Large, pure white flowers.	...	...	...	\$0.40	.05
Glaucum. The scarlet Tulip Poppy.	1	...	...	.05	.05
Miss Sherwood. Flowers satiny white and chamois-rose.	...	...	...	.30	.05
Shirley. Their brilliant dazzling colorings and wonderful variety make a very effective display in the garden, or for cut flowers.	1	...	...	...	...
Separate Colors, Deep Pink, Carmine, Rosy Pink, Orange, White, White pink-edge	...	...	...	...	.10
Shirley. Mixed colors, flowers in a great variety.	1	...	...	.50	.05
Single Mixed Poppies. All kinds.	...	...	...	.25	.05
Double Annual Varieties:					
American Flag. White, edged red.	...	...	...	.25	.05
Mikado. White, edged scarlet.	...	...	...	.25	.05
Carnation Flowered. Mixed colors.	...	...	...	.25	.05
French Ranunculus-flowered. Double mixed.	...	...	...	.25	.05
Paeony-flowered. Mixed colors.	...	...	...	.25	.05
Hardy Perennial Varieties:					
Bracteatum. Orange-scarlet hardy poppy.	3	H. P.	...	.10	
Nudicaule (Iceland Poppy). Dwarf, bright yellow.	1	H. P.	...	.10	
Nudicaule Aurantiacum. Orange.	...	...	...	.10	
Nudicaule Album. Pure white.	...	...	...	.10	
Nudicaule Mixed Iceland Poppies.	...	...	...	.75	.10
Oriental, Mixed Hybrids. Finest shades.	3	H. P.	...	.75	.10
PORTULACA. One of the freest-flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors					
Single, Finest Mixed	1½	H. A.	...	.50	.05
—Pure White	...	...	...	.50	.05
—Golden Yellow	...	...	...	.50	.05
—Delicate Rose	...	...	...	.50	.05
—Scarlet	...	...	...	.50	.05
Double Large Flowering. Finest Mixed.	1½	...	...	5.00	.10
PRIMULA SINENSIS (Chinese Primrose). A charming profuse-flowering plant, indispensable for winter and spring decoration in the conservatory or sitting-room.					
Sinensis Fimbriata Superb. Finest Mixed.	¾	G. P.	...	\$0.25	
Sinensis Fimbriata Superb. Pure White.	...	...	...	.50	
Sinensis Fimbriata Superb. Brilliant Pink.	...	...	...	.50	
Sinensis Fimbriata Superb. Deep Blue.	...	...	...	.50	
Sinensis Fimbriata Superb. Chiswick Red.	...	...	...	.50	

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
PRIMULA —Continued					
Stellata. Giant White Star.....	3/4	G. P.	...	\$0.50	
Stellata. Giant Blue Star.....	..	..	..	..	.50
Stellata. Giant Salmon Pink Star.....	..	..	..	..	.50
Stellata. Giant Scarlet Star.....	..	..	..	..	.50
Stellata. Giant Star Mixed in finest colors.....	..	..	..	..	.25
Obconica Gigantea. Alba White.....	..	..	..	..	.25
Obconica Gigantea. Lilacina, Lilac.....	..	..	..	..	.25
Obconica Gigantea. Kermesina, Crimson.....	..	..	..	..	.25
Obconica Gigantea. Rosea, Rose.....	..	..	..	..	.25
Obconica Gigantea. Finest Mixed.....	..	..	..	..	.25
Kewensis. Bright yellow.....	1 1/2	..	..	..	.50
PRIMULAS. These are the hardy primroses.					
Forbesi (Baby Primrose). Rosy, lilac.....	1 1/2	H. H. P.	...	..	.25
Japonica (Japanese Primrose). Mixed colors.....	1	H. H. P.	...	..	.10
Vulgaris. English yellow primrose.....	1 1/2	H. P.	...	..	.10
PYRETHREUM. Fine for edging and borders.....					
Aureum (Golden Feather). Bright yellow foliage.....	1 1/2	..	..	\$0.50	.05
Aureum Golden Gem.....	1 1/2	..	..	..	.50
Hybridum. Single large-flowering, mixed colors.....	2	H. P.	...	..	.10
Hybridum Fl. Pl. Double large-flowering, beautiful colors.....	2	..	..	..	.25
REHMANNIA Angulata. Flowers rose purple with spotted throat..	3	H. H. P.	...	..	.25
RHODANTHE (Everlasting or Straw Flower). Mixed colors.....	1	H. A.	..	.75	.05
RICINUS (Castor Oil Plant). From seed they quickly attain gigantic proportions, and are ornamental till destroyed by frost.					
Borboniensis. Immense violet foliage.....	15	H. H. A.	..	.20	.05
Cambogiensis. Maroon foliage.....	5	..	..	..	.25
Gibsoni. Purplish leaves and stems.....	6	..	..	..	.25
Phillipinensis. Immense leaves.....	6	..	..	..	.20
Sanguineus. Red stems.....	6	..	..	..	.20
Zanzibariensis. Immense leaves.....	8	..	..	..	.25
Mixed Varieties.....	..	..	..	..	.15
ROCKET Sweet. A very interesting, useful and free-flowering plant.					
Finest mixed.....	1 1/2	H. P.	..	.20	.05
ROMNEYA Coulteri. The California Tree Poppy.....	2	H. H. P.	...	..	.10
RUDBECKIA Bicolor Superba. Yellow flowers.....	2	H. A.	...	..	.10
SALPIGLOSIS. Showy Petunia-like flowers.....					
Grandiflora Emperor. Mixed colors.....	2	..	..	1.50	.10
Large-flowering. Mixed colors.....	1	..	..	..	.75
Large-flowering. Collection of 6 separate colors.....	..	..	..	..	.40
SALVIA (Flowering Sage). Magnificent bedding plants.....					
Splendens Grandiflora. Scarlet. A rich-flowered bedder.....	3	H. A.	..	1.50	.05
Splendens Ball of Fire. Very dwarf and compact variety.....	1 1/2	..	..	4.00	.10
Bonfire. A splendid dwarf variety, with large, erect spikes of rich scarlet flowers.....	2	..	..	3.00	.10
Zurich Early Dwarf. Grows only 15 inches high. Color brilliant scarlet.....	..	..	..	6.00	.25
Splendens Lord Fauntleroy. A dwarf Salvia.....	1 1/2	..	..	..	.10
Patens. Magnificent blue flowers.....	3	H. H. P.	...	..	.25
SCABIOSA, or Mourning Bride. Fine for cutting.....					
Dwarf Double. Many colors, mixed.....	1	H. A.	...	..	.40
Tall Double. Very showy; mixed colors.....	2	..	..	..	.40
Caucasia. Hardy perennial with large flowers.....	2	H. P.	...	..	.10
Collection of Tall Scabiosa, 6 colors.....	2	H. A.	...	..	.30
SCHIZANTHUS. Popularly known as the Poor Men's Orchid, for its wonderful coloring.					
Hybridus Grandiflorus, Finest. Mixed. Very choice.....	1 1/2	H. H. A.	...	..	.25
Wisetonensis. Flowers varying from white with yellow eye, to rose with bronze center. Fine for pots.....	1 1/2	..	..	..	.25
Finest Mixed. Shades of rose, scarlet, purple and white.....	2	..	..	..	.30
SEDUM Coeruleum (Blue Stonecrop). For rockwork or edgings.....	1/4	H. A.	...	..	.10
SENECIO. (See Jacobaea.)					
SENSITIVE PLANT. (See Mimosa pudica.)					
SILENE compacta. Double; mixed colors.....	1	H. A.	...	..	.05
SMILAX. (Mrysiophyllum asparagoides).....	6	G. P.	..	.75	.10
SNAPDRAGON. (See Antirrhinum.)					
SOLANUM, capsicastrum nanum. Jerusalem Cherry.....	2	G. P.	...	..	.10
Warscewiczoides.....	4	..	..	..	.10
STEVIA Serrata. Fine for bouquets.....	1 1/2	T. P.	...	..	.10
STOKESIA cyanea. Lavender-blue flowers.....	2	H. P.	...	..	.10
Cyanea alba. A pure white-flowering form, identical to the popular blue variety in every way except color.....	..	..	..	..	.25

NAME AND DESCRIPTION.		Height in Feet	Duration	Per Ounce	Per Pkt.
STOCKS. Fine for garden decoration; flowers double, of various colors and very fragrant.....		..	H. A.	...	...
Marshall's Giant Perfection Ten-Week. A splendid double-flowered strain, especially adapted for bedding or pot-culture.....		2	.....	...	...
Giant Perfection, Blood Red.....		..	.....	\$4.00	\$0.15
" " Dark Blue .....		..	.....	4.00	.15
" " Crimson .....		..	.....	4.00	.15
" " Flesh Color .....		..	.....	4.00	.15
" " Light Blue .....		..	.....	4.00	.15
" " Pure White .....		..	.....	4.00	.15
" " Rose .....		..	.....	4.00	.15
" " Scarlet .....		..	.....	4.00	.15
" " Yellow .....		..	.....	4.00	.15
" " Finest Mixed, all colors.....		..	.....	3.50	.10
Large-flowering. 10 weeks. Mixed colors.....		1	.....	2.00	.05
" " Collection of 6 colors.....		..	.....	...	.30
" " " " 12 " ".....		..	.....	...	.50
Cut and Come Again, Princess Alice. Double white.....		..	.....	5.00	.25
Beauty of Nice. Splendid rose color.....		2	.....	5.00	.25
Crimson King. Brilliant fiery crimson.....		..	.....	5.00	.25
Empress Elizabeth. Carmine rose .....		..	.....	6.00	.25
Empress Augusta Victoria. Silvery lilac.....		..	.....	5.00	.25
Giant abundance. Carmine-rose .....		..	.....	...	.25
Queen Alexandra. Delicate rosy lilac .....		..	.....	5.00	.25
STREPTOCARPUS Hybridus. Choice Mixed		1½	G. P.	...	.50

SWEET PEAS.

There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

WINTER VARIETIES.

These are adapted for growing under glass.

Christmas Pink. The best pink.

Christmas White. A companion to Christmas Pink.

Per pkt. 10 cts.; oz. 25 cts.;

¼ lb. 75 cts.

Canary. The best yellow forcer.

Mrs. Alexander Wallace. The best lavender.

Mrs. C. H. Totty. Sky-blue.

Mrs. William Sim. Salmon pink.

Per pkt. 10 cts.; oz. 30 cts.;

¼ lb. \$1.00.

Meteor. Scarlet, fine open flower.

Mrs. E. Wild. Carmine or dark pink.

Mrs. George Lewis. Large pure white.

Mrs. F. J. Delansky. Daybreak pink.

Snowbird. Finest white.

Per pkt. 10 cts.; oz. 35 cts.;

¼ lb. \$1.00.

Le Marquis. Violet, large flowers.

Per pkt. 10 cts.; oz. 60 cts.;

¼ lb. \$2.00.



Sweet Pea. Spencer Type.

COUNTESS SPENCER HYBRIDS, SWEET PEAS.

The Spencer types of Sweet Peas are a great improvement over the Large Flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

	Per Pkt.	Oz.	¼ Lb.	Lb.
Apple Blossom Spencer. A reproduction of the popular variety of this name, but with the true Spencer type.....	\$0.10	\$0.40	\$1.25	\$4.00
Asta Ohn. Lavender, tinted with mauve. Large and wavy wings.....	.10	.40	1.25	4.00
Aurora Spencer. Very large flowers. Creamy-white, flaked and mottled with rich orange-salmon.....	.10	.40	1.25	4.00
Blanche Ferry Spencer. Rose standard with white wings .....	.10	.40	1.25	4.00
Black Knight Spencer. Rich deep maroon.....	.10	.40	1.25	5.00
Countess Spencer. Soft rose pink; large wavy petals .....	.10	.30	1.00	3.00
Dainty Spencer. White edged with rose.....	.10	.40	1.25	5.00
Florence Morse Spencer. Light pink, edged with darker pink. Very large, with long stems.....	.10	.50	1.35	5.00
George Stark. A very fine scarlet.....	.25	.75	—	—
Helen Lewis. A fine orange-pink of Countess Spencer class .....	.10	.30	1.00	3.00
Junita Spencer. Large flowers; white striped with lavender.....	.10	.30	1.25	4.00
King Edward Spencer. Bright crimson-scarlet.....	.10	.30	1.25	4.00
Maud Holmes. A brilliant crimson color; of the true Spencer type.....	.10	.40	1.25	5.00
Mrs. Routzhan Spencer. Apricot on buff, suffused with delicate pink....	.10	.50	1.50	6.00
Prince Edward of York. Salmon-carmine standard, with rosy wings....	.10	.30	1.25	4.00
Primrose Spencer. Primrose or creamy yellow.....	.10	.30	1.25	4.00
Queen Alexandra. Bright scarlet-red, almost true scarlet, self-colored...	.10	.40	1.25	5.00
Romana Spencer. Striped blush-pink on white ground. Fine form and immense size.....	.10	.30	1.25	4.00
Ruby Spencer. An improved St. George. Color orange-scarlet .....	.10	.30	1.25	4.00
White Spencer. A pure white with long, strong stems .....	.10	.30	1.25	4.00
Finest Mixed Spencer Hybrids......	.10	.20	.75	2.00

SELECT NAMED LARGE-FLOWERED SWEET PEAS.

The varieties listed below are the cream of all known varieties. They have been selected from a much larger list and are, without exception, unsurpassed for freedom of bloom, size of flower and length of stem.

	Pkt.	Oz.	4 Oz.	Lb.
Apple Blossom. Pink standard, with white wings tinged pink.....	\$0.05	\$0.15	\$0.40	\$1.25
Blanche Burpee. Superb, pure white; immense size, perfect form.....	.05	.15	.40	1.25
Blanche Ferry, Extra-Early. One of the first to flower. Bright rose standard, with white wings tinged light pink .....	.05	.15	.40	1.25
Countess of Radnor. A delicate lavender and free-flowering .....	.05	.15	.40	1.25
Earliest of All. Rose standard, white wings. Earlier than any other variety	.05	.15	.50	1.50
Eliza Eckford. White shaded and edged with light pink on standard....	.05	.15	.50	1.50
Gladys Unwin. Pale rosy pink; superb.....	.05	.20	.75	2.00
Hon. Mrs. E. Kenyon. A beautiful deep primrose.....	.05	.15	.50	1.50
Katherine Tracy. A delicate soft pink. Very popular .....	.05	.15	.40	1.25
King Edward VII. Beautiful crimson-scarlet, Harvard shade .....	.05	.15	.40	1.25
Miss Willmott. Very large orange-pink, on long stems .....	.05	.15	.50	1.50
Mont Blanc. The earliest pure white variety.....	.05	.15	.50	1.50
Navy Blue. The best deep blue.....	.05	.15	.50	1.50
Queen Alexandra. Dazzling scarlet.....	.05	.15	.50	1.50
Shahzada. Dark maroon, shaded purple.....	.05	.15	.40	1.25
Marshall's Special Mixed. Comprising all the newest and best flowering varieties .....	.05	.15	.40	1.25
Eckford Mixed. A fine mixture of colors.....	.05	.10	.30	1.00
Cupid or Dwarf Mixed. Many varieties.....	.05	.15	.50	1.50

PERENNIAL PEAS (*Lathyrus latifolius*).

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom; fine for cutting.

	Per Pkt.	Oz.
Latifolius. Purplish-red.....	\$0.10	\$0.60
Albus. Pure White.....	.10	...
White Pearl. A large flowering, robust growing variety of the above.....	.20	...
Pink Beauty. Rosy Pink.....	.10	.60
Mixed. All colors.....	.10	.60

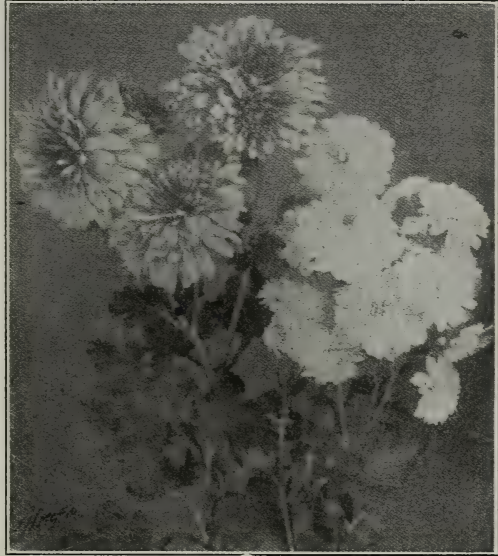
NAME AND DESCRIPTION.	Height in Feet	Duration	Per Ounce	Per Pkt.
SUNFLOWER. Decorative plants with masses of yellow flowers....		H. A.		
Double Californian. Orange	5	.....	\$0.20	.05
Chrysanthemum-flowered. Very double, golden yellow.....	6	.....	.20	.05
Double Dwarf. Globe-shaped. Orange.....	4	.....	.20	.05
Single Russian. Enormous flowers.....	7	.....	.10	.05
Cucumerifolius. (Miniature Sunflower.) Of pyramidal growth; cov- ered with bright orange, small, single flowers.....	3	.....	.40	.05
Orion. Effective new variety of "Stella".....	3	.....	.50	.10
Stella. (Improved Miniature Sunflower.) Yellow.....	3	.....	.40	.05
Hybrid. fl. pl. Splendid mixture new double and semi-double varieties	3	.....	.50	.10
SWEET ROCKET, Mixed Colors. Hardy garden favorites.....	2	H. P.	.20	.05
SWEET SULTAN. (See <i>Centaurea</i> .)				
SWEET WILLIAM (<i>Dianthus Barbatus</i>). A well-known free-flower- ing favorite		H. P.		
Double-flowering. Mixed	1½	.....	.75	.10
Single-flowering. Dark crimson .....		.....	.35	.05
“ “ White .....		.....	.25	.05
“ “ Finest mixed colors.....		.....	.25	.05
Collection of Sweet William. Six varieties.....		.....		.25
TAGETES, Signata Pumila. Fine for bedding.....	1	H. A.	.60	.05
THUNBERGIA. Beautiful rapid-growing climbers.....	5	H. H. A.		
Alata. Yellow, with dark eye.....		.....		.10
Aurantiaca. Bright orange, with dark eye.....		.....		.10
Bakeri. Pure white.....		.....		.10
Finest Mixed .....		.....	.75	.10
TORENIA. Tender trailing plants for vases or baskets.....				
Fournieri. Velvety blue	1	H. H. A.		.25
Speciosa. New Giant Torenia. "Princess of Montenegro." Lav- ender and purple, yellow throat.....		.....		.25
"The Bride." White and rose.....		.....		.25
TRITOMA, Uvaria Grandiflora. Red hot poker plant.....	3	H. P.		.10
TROPAEOLUM, Lobbianum. (See <i>Nasturtium</i> .)				
VALERIAN. Showy garden plants. Mixed.....	3	H. B.	.50	.05
VENUS LOOKING GLASS. Finest mixed.....	½	H. A.	.30	.05
VERBENA. One of our most valuable bedding plants.....				
Mammoth Blue-black, white Eye.....	1	H. A.	2.00	.10
“ Candidissima. Large trusses of white flowers.....	1	.....	2.00	.10
“ Coerulea. Bright blue in various shades.....	1	.....	2.00	.10
“ Defiance. Brilliant scarlet, fine for bedding.....	1	.....	2.00	.10
“ Pink	1	.....	2.00	.10
“ Finest Mixed. Extra choice.....	1	.....	2.00	.10
Hybrida Mixed	1	.....	1.00	.05
Lemon Verbena (<i>Aloysia Citriodora</i>). Scented leaves.....		G. S.		.10
VINCA. Very showy for garden beds.....		H. H. P.		
Rosea. Rose, dark eye.....	2	.....	1.00	.10
Alba. White, crimson eye.....		.....	1.00	.10
Alba Pura. Pure white.....		.....	1.00	.10
Mixed..... ¼ oz., 25 cts. ....		.....	.75	.10
VIOLET. Sweet scented violet, blue.....	½	H. H. P.		.10
VIRGINIAN STOCK. Mixed colors.....	½	H. A.	.25	.05
VISCARIA. Mixed colors, large showy flowers.....	1	H. A.	.25	.05
WALLFLOWER. Annual. Flowers July to fall from seed sown in Feb'y ..		H. A.		
Annual. Early Paris Market. Bright brown.....	1	.....	.25	.10
“ Blood-Red	1	.....	.25	.10
“ Fine Mixed	1	.....	.25	.10
Single Fine Mixed. Hardy varieties.....		H. H. P.	.40	.05
Double Finest Mixed. Hardy varieties.....		H. H. P.		.10
XERANTHEMUM. Finest double mixed.....	2	H. A.		.05
ZINNIAS, (Youth and Old Age). Bushy plants, bearing large showy flowers during Summer and Fall.....	2	H. A.		
Elegans Fl. Pl. Tall Double. Carmine.....	2	.....	.40	.10
“ “ “ “ Lilac .....		.....	.40	.10
“ “ “ “ Purple crimson .....		.....	.40	.10
“ “ “ “ Rose .....		.....	.40	.10
“ “ “ “ Scarlet .....		.....	.40	.10
“ “ “ “ White .....		.....	.40	.10
“ “ “ “ Yellow .....		.....	.40	.10
“ “ “ “ Fine Mixed .....		.....	.30	.05
Dwarf. Large flowering double mixed.....	1	.....	.40	.10
Mammoth. Mixed flowers of mammoth size, very double and of striking colors; a fine strain.....	2½	.....	.50	.10
Collection of 6 Colors Mammoth.....		.....		.40

Hardy Chrysanthemums.

The Hardy Chrysanthemum should be in every garden as they give an abundance of flowers late in the fall. Plants should be set in April and May to flower the same year.

Large Flowering or Aster Varieties.

Ashbury. Sulphur white.
Bohemia. Fine pure yellow.
Bradshaw. Silver pink, full flowers.
Cumberland. Pure yellow, long stems.
Excelsior. Bright orange yellow.
Elkton. Light pink, large flowers.
Findon. Violet rose.
Fred J. Red orange.
Germania. Large straw white.
Hijos. Beautiful primrose pink.
Jersey. Large flowering, pure white.
Julia Largravere. Crimson maroon.
King Henry. Straw-white.
Kenneth. Pure white.
Loreley. Yellow, tinged pink.
Mrs. Vincent. Deep violet-red.
Miss Julia. Orange-red, turning to yellow.
Prince of Wales. The best pure white.
Queen of Whites. Creamy white.
St. Illoria. Silver rose.
St. Almo. Splendid white.
The Czar. Golden bronze.
Viola. Deep white.



Hardy Chrysanthemums.

Plants from 2 in. pots. \$1.00 dozen; \$6.00 100. Field grown. Plants 25 cts. each; \$2.50 per dozen.

Small Pompon or Button Varieties.

Baby. Smallest golden yellow.
Cerise Queen. Cerise pink.
Dawn. Daybreak pink.
Eleganta. Deep rose, shaded white.
Henrietta. Bronze, yellow edge.
James Boone. Pure white.

Single Flowering Varieties.

Aaron. Bronze scarlet.
Northumberland. Bright scarlet.
Rosy Morn. Silver pink.
Pink Daisy. Light pink.
Providence. Early white.
Wallis. Pure yellow.

Plants from 2 in. pots. Each, 10c.; dozen, \$1.00; 100, \$6.00.

STANDARD VARIETIES CHRYSANTHEMUMS.

A. J. Balfour. Rosy pink.
Autumn Glory. A late pink.
Beatrice May. Pure white.
Cheltonii. Yellow.
Early Snow. Very early white.
G. W. Childs. Large red.
Harry May. Fine bronze.
Intensity. Late crimson.
Linwood Hall. Fine late white.

Major Bonnaillon. Finest yellow.
Merza. Large white.
Nellie Pocket. Creamy white.
Pink Ivory. Delicate pink.
Pacific Supreme. Early pink.
Rose Pocket. Old gold.
Timothy Eaton. Late white.
Winter Cheer. Fine bright pink.
Yellow Eaton. Finest yellow.

Plants from 2½ inch pots. Each, 15c.; dozen, \$1.50.

NEW SINGLE CHRYSANTHEMUMS.

Alex Rowbottom. Bright crimson.
Miss May Thorne. Rose, white tips.
Mersthan Rose. Pors and white.
Miss Mary Pope. Pale pink.
Merstham Gem. Old rose and sulphur.

Mrs. Sam Nash. Soft pink.
Mrs. E. D. Godfrey. Light pink.
Narcissus. Yellow, suffused red.
Pink Felicity. Pink on white ground.
W. Buckingham. A grand white.

Plants from 2½ inch pots. Each, 15c.; per dozen, \$1.50; per 100 \$12.00.

We shall be pleased to supply any other varieties not named above.

HARDY ROSES

Hardy Hybrid Perpetual Roses.

The plants offered are exceptionally heavy, two-year old stock, which will, under ordinary conditions, give a full crop of flowers this season; and, while their main crop is produced in June, they frequently produce fine flowers throughout summer and autumn.

Alfred Colomb. Bright crimson; splendid, robust grower.

Anna de Diesbach. Clear, bright carmine; very large, finely shaped; full and fragrant.

Baron Bonstettin. Dark crimson.

Baroness Rothschild. Superb rose, of rich satiny pink.

Captain Christy. Delicate rose.

Celine Forestier. Yellow.

Duke of Edinburgh. Bright carmine.

Frau Karl Druschki. Fine snow-white variety; vigorous grower and very hardy.

General Jacqueminot. Brilliant scarlet-crimson; superb flower.

Glorie de Dijon. Shaded salmon.

Hugh Dickson. Crimson, shaded scarlet.

John Hopper. Rose-crimson, fine center.

Mabel Morrison. Pure white; in autumn faintly blushed with pink.

Mme. Gabriel Luizet. Beautiful satiny pink.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose; strong, vigorous grower.

Margaret Dickson. The finest white hybrid.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering.

Mrs. R. G. Sharman-Crawford. Deep rosy pink, outer petals shaded with pale flesh.

Paul Neyron. Dark rose; fine, extra large flower.

Perle des Blanches. White, pale center.

Ulrich Brunner. Bright, cerise-red; flowers large.

Extra strong, 2-year-old, field-grown plants:
30c. each; \$3.00 per dozen; \$24.00 per 100.

Climbing Roses.

These are all varieties of established merit, perfectly hardy in the Northern states.

Baltimore Belle. Pale blush, variegated carmine-rose and white; very double; flowers in beautiful clusters; one of the best climbing roses.

Crimson Rambler. The well-known climbing cluster Rose. Pure crimson, vigorous grower.

Dorothy Perkins. Strong as Crimson Rambler; the flowers are borne in clusters; are double, sweetly scented and of a beautiful shell-pink.

Lady Gay (Wichuraiana). Cherry-pink, fading to soft white; very floriferous, and rapid grower.

Mme. Plantier. White, large and full; very hardy.

White Rambler. Similar to Yellow Rambler, but having white flowers.

Yellow Rambler. Similar to Crimson Rambler, and perfectly hardy. Yellow trusses in great profusion.

Strong 2-year-old plants, 25 cts. each;
\$2.50 per dozen.

Hybrid Tea, or Everblooming Roses.

This selection will produce a mass of Roses to cut from the entire season. The plants have been grown with special care, and the varieties are the very best for out-door culture; invaluable either for display or cutting, and are hardy with protection.

Betty. Salmon shaded yellow.

Countess of Gosford. Salmon pink with saffron yellow at base of petals.

Duchess of Albany. Deep rosy-pink.

Dean Hole. Carmine and salmon.

Edu. Meyer. Coppery yellow flowers, shaded red and orange; long and pointed buds; profuse bloomer.

Etoile de France. Fine velvety crimson flowers.

Farbenkönigin. Very free-flowering Medium-sized flowers of beautiful form; color clear red, shaded silvery golden.

Franz Deegen. Golden yellow.

Grace Darling. Creamy white, deeply flushed pink; free-flowering and distinct.

Gruss an Teplitz. For bedding, no Rose will compare with this. It is a perfect sheet of richest crimson-scarlet all summer.

Kaiserin Augusta Victoria. This is the finest and largest white Rose for summer-blooming.

Killarney. Bright, rich coral-pink; very fragrant. Graceful, long, pointed buds.

Lady Ashtown. The best bright pink.

Liberty. Flower is of large size, magnificent color—rich, velvety crimson.

Lyon-Rose. Coral red, shaded with yellow; very fragrant.

Mme. Abel Chatenay. A grand bedding Rose, elegant buds; color rosy carmine shaded salmon.

Mme. Caroline Testout. Clear, brilliant pink, without shading of any kind. A very vigorous grower.

Mme. Jules Grolez. The color is an attractive China rose, passing to clear, rich satiny pink.

Mme. Ravary. Beautiful orange yellow.

Maman Cochet. A magnificent pink Rose.

Maman Cochet White. White.

Pharisaer. Tender rosy flowers borne on long, strong stems.

Prince de Bulgarie. Silvery flesh-pink, shaded with salmon.

Richmond. Beautiful pure scarlet-red flowers on fine long stems; very free.

Souv. de la Malmaison. White and flesh.

Viscountess Folkestone. Soft rose-color, with dark center; very fragrant.

White Killarney. A grand Rose, surpassing its parent, Killarney, in every respect.

Strong 2-year-old plant, 35 cts. each;
\$3.50 per dozen; \$28.00 per 100.

NOVELTIES IN ROSES AND GREENHOUSE ROSES

see page 7.

BEDDING PLANTS

	Each	Dozen	100
Ageratum. Blue or white..	\$0.10	\$1.00	\$6.00
Alternanthera. In variety..	...	1.00	6.00
Asters. Double ass'd colors	.05	.30	2.00
Caladium Esculentum. Elephant ears .....	.20	2.00	...
CANNAS. From 4 in pots..	.15	1.50	10.00
Alphonse Bouvier. Crimson	.15	1.50	10.00
Black Beauty. Dark foliage	.15	1.50	10.00
Chas. Henderson. Crimson	.15	1.50	10.00
Egandale. Dark leaves...	.15	1.50	10.00
Florence Vaughan. Yellow, spotted crimson .....	.15	1.50	10.00
King Humbert. Scarlet...	.20	2.00	15.00
Madame Crozy .....	.15	1.50	10.00
Queen Charlotte. Orange.	.15	1.50	10.00
Mixed French Varieties...	.15	1.50	10.00
Centaurea Candidissima .....	.10	1.00	...
Gymnocarpa .....	.10	1.00	...
Coboea Scandens. Blue....	.10	1.00	...
Coleus. Sorts.....	.08	.75	5.00
Daisy English. Red and white	.05	.50	4.00
Dianthus. Hardy pinks....	.15	1.50	10.00
Forget-Me-Not. Blue.....	.10	1.00	6.00

	Each	Dozen	100
Fuchsias. Named varieties..	\$0.10	\$1.00	....
Geranium. Named varieties	.15	1.50	\$12.00
Ivy-leaved sorts .....	.15	1.50	12.00
Heliotrope .....	.12	1.25	9.00
Hollyhock. Finest double varieties .....	.15	1.50	10.00
Lobelias. Blue dwarf .....	.10	1.00	7.00
Lemon Verbena .....	.15	1.50	....
Marigolds. Dwarf French..	.10	1.00	....
Moonflower. White flowers.	.20	2.00	....
Nasturtium Dwarf, mixed.	.10	1.00	7.00
Climbing, mixed colors...	.10	1.00	7.00
Pansies. Large fancy mixed	.05	.50	4.00
Petunia. Double varieties...	.15	1.50	....
Single varieties .....	.10	1.00	7.00
Pinks. Hardy varieties....	.15	1.50	10.00
Phlox. Annual, mixed.....	.10	1.00	....
Ricinus. Castor Oil plants..	.10	1.00	....
Salvia Bonfire. Scarlet....	.10	.75	5.00
Sweet William. Mixed colors	.10	1.00	7.00
Verbenas. Finest mixed....	.06	.70	5.00
Vincas. Rosea and Alba....	.15	1.50	10.00
Zinnias. Double mixed.....	.05	.30	2.00

JAPAN FERN BALLS.

Davallia Bullata.

Fern Roots, about the size of a pencil, woven outside and around a ball of moss.

The roots produce beautiful sprays of ferns from eyes, or buds, at nearly every inch of their length. Thus the whole surface soon becomes covered with fern sprays.

Dormant Balls, 5-inch diameter. Each, 35 cents.

Dormant Balls, 7 to 9-inch diameter. Each, 50 cents.

New importation arrives in November.



Japanese Fern Ball, Started.

CARNATIONS, New and Choice Varieties.

Alma Ward. White.
Beacon. A fine scarlet.
Benora. White pencilled red.
Brooklyn. Pink, deeply fringed.
Enchantress Pink. A well known sort.
Enchantress Rose-Pink. Lovely rose-pink.
Enchantress White. Pure white.
Gloriosa. Large bright pink.

Harlowarden. The best crimson.
Mrs. C. W. Ward. Splendid rose-pink.
Mrs. M. A. Patten. Variegated.
White Perfection. A grand white.
White Wonder. Large white.
Windsor. A free blooming pink.
Wodenethe. A very fine white.
New Varieties, see page 6.

Rooted cuttings of any of the above (Spring delivery), \$6.00 per 100.

Field grown plants of any of the above (Fall delivery), \$10.00 per 100.

VIOLET PLANTS.

Farquhar. Single blue.
Lady H. Campbell. Fine blue.

Marie Louise. Deep blue.
Princess of Wales. Single blue.

Field grown roots of the above (Fall delivery), \$1.50 per dozen, \$10.00 per 100.

DECORATIVE PLANTS.

- AGAVE Americana.** Fine for lawn and porch decorations, 50c.; specimens, \$2.50 to \$10.00.
- A. Americana variegata.** 75 cts.; specimens, \$2.50 to \$5.00.
- ARAUCARIA excelsa** (Norfolk Island Pine). 6-in. pots, extra fine, \$2.00 ea.; \$20.00 doz.
- ASPARAGUS plumosus nanus.** Graceful climbing Asparagus; beautiful bright green feathery foliage. Strong plants, 15 cts. each, \$1.50 per dozen; extra size, 3½-inch pots, 25 cts. each, \$2.50 per dozen.
- A. Sprengerii.** Fine for baskets. 3-inch pots, 15 cts. each, \$1.50 per dozen.
- ASPIDISTRA lurida.** Fine, dark broad green leaves; very robust grower and invaluable for the house. \$1.00 to \$2.00.
- A. lurida variegata.** Foliage striped with white, a charming variegated form of the above. \$1.25 to \$2.50.
- DRACAENA indivisa.** Long graceful foliage; extensively used for vases. 5-inch pots. 50 cents each, \$5.00 per dozen.
- FICUS elastica** (Rubber Plant). One of the best plants for room decoration. 4-in. pots, 50 cts. each, \$5.00 per dozen; 5-in. pots, 75 cts. each, \$7.50 per dozen.
- MUSA Ensete.** (Abyssinian Banana.) 5-in. pots, 60 cts. each, \$6.50 per dozen.
- PANDANUS Veitchii.** Graceful light green leaves beautifully marked with broad stripes and bands of pure white. 5-in. pots, \$1.50; 6-inch pots, \$2.00 each.

FERN S.

- BOSTON FERN.** One of the most useful and ornamental of the "Sword Ferns." 4 in. pots, 50 cts.; 5-in. pots, 65 cts.; 6-in. pots, \$1.00 each.
- NEPHROLEPIS Scotti.** Fine for house decoration. 4-in. pots, 50 cts.; 5-in. pots, 75 cts.; 6-in. pots, \$1.00 each.
- N. Superbissima.** Dwarf and compact, with dense fronds. 5-in. pots, 75 cts.
- N. Scholzei.** (The Plumed Scott Fern.) 4-in. pots, 50 cts.; 5-in. pots, 75 cts. each.
- N. Whitmani.** (The Ostrich Plume Fern.) 5-in. pots, 75 cts.; 6-in. pots, \$1.00 each.
- TABLE FERNS.** In variety for fern dishes and ferneries. Per doz., 80 cts.; 100, \$7.00.

PALMS.

- ARECA Lutescens.** Very graceful. 5-in. pots, \$1.50 each; 6-in. pots, \$1.75 each.
- COCOS Weddellana.** Fine for table decorations. 3-in. pots, 30 cts. each; 5-in. pots, \$1.75 each.
- KENTIA Belmoreana.** The most popular parlor palm. 2½-in. pots, 25c. each; 4-in. pots, 75c. each; 5-in. pots, \$1.50 each.
- PHOENIX Roebelenii.** Combines the graceful appearance of the Cocos and the hardiness of the Kentia. 4-in. pots, \$1.00; 5-in. pots, \$1.75; 6-in. pots, \$4.00 each.

AQUATIC PLANTS FOR FOUNTAINS, LAKES, ETC.**CHOICE HARDY NYMPHAEAS.**

The following are a selection of the best hybrids for ponds and fountains. We recommend planting in May.

	Each	Doz.
N. Aurora. Soft rosy yellow, changing to deep red	\$0.75	\$7.50
N. Candidissima. Pure white good sized flowers.....	.50	5.00
N. Gladstoniana. Dazzling white flowers, 6 to 8 inches across.....	.50	5.00
N. Marliacea Carnea. Soft flesh pink.....	.75	7.50
N. Odorata. The fragrant pond Lily of the north. Pure white .....	.20	2.00
N. Odorata Luciana. Flowers pure rose pink, very fragrant .....	.75	7.50
N. Odorata Sulphurea. Sulphur yellow, very desirable .....	.50	5.00
N. Robinsoni. Large dark orange red flowers.....	1.00	10.00
N. Tuberosa Maxima. Pure white, cup shaped flowers .....	.20	2.00
N. Tuberosa Rosea. Flowers of an exquisite shade of pink.....	.50	5.00
N. Tuberosa Richardsoni. The most beautiful white Lily .....	.50	5.00
N. Zanzibariensis. A superb deep purple variety	1.50	....
N. Zanzibariensis Rosea. Rose flowers of various shades .....	.75	7.50

NELUMBIUMS.

They are of easy culture and are hardy providing the tubes are kept free from frost.

	Each	Doz.
N. Album Grandiflorum. Large pure white flowers	\$2.50	
N. Perkinensis Rubrum. Flowers brilliant rosy crimson	4.00	
N. Shiroman. Pure white, very large and double	3.00	
N. Speciosum (Egyptian Lotus). Beautiful rose flowers	1.50	

MISCELLANEOUS AQUATICS.

	Each	Doz.
Cyperus Alternifolius. An excellent plant for growing in water or damp places....	\$0.15	\$1.50
Eichhornia Crassipes Major (Water Hyacinth). A very showy floating aquatic, bearing flowers of a delicate lilac-rose in trusses .....	.20	2.00
Limncharis Humboldt (The Water Poppy.) A pretty little aquatic with oval leaves and yellow flowers.....	.20	2.00

DAHLIAS

The renewed popularity of the Dahlia in recent years has brought out many new sorts, and any one wishing to get the cream will find most of them in our collection, which can be recommended either for growing in competition, market purposes, or private collections, and embrace all classifications.

SUPERB CACTUS DAHLIAS.

The following are all the new varieties, and comprise the cream of the novelties, which have been grown here and proved to be of extra merit.

- Alpha.** White, spotted and flushed pink and crimson.
Ambassador. One of the best, pure white; free flowering.
Amos Perry. The best bright scarlet, long twisted petals. Rich brilliant red.
Cockatoo. An unusual combination of colors. Yellow, rose and white.
Comet. Color silvery-rose splashed and speckled crimson.
Country Girl. Golden yellow suffused with salmon rose.
Dainty. Lemon yellow, shading to rose pink. Fine for cutting.
F. H. Chapman. Yellow shaded with deep orange. Very effective.
H. W. Sillen. Vivid vermillion-scarlet, with long petals.
Libelle. Large distinct purple flowers; very free flowering.
Lovely. A delicate violet-rose, with creamy white shadings.
Lyric. Flowers large, yellow at the base, shading to a rich bronze-red.
Mrs. Ed. Mawley. An exquisitely shaped cactus. Pale lemon-yellow.
Mrs. James Mace. Light shade of pink, shading to white at the base of petals.
Prince of Yellows. Very large with broad petals, color canary yellow.
Princess. Rose-pink, long narrow petals beautifully incurved.
Ruth Forbes. A massive clear pink, with very long stems. Fine for cutting.
Rosine. A pleasing shade of rose.

Strong field grown roots of the above
25c. each; \$2.50 per dozen.

NOVELTIES IN DAHLIAS.

A complete list of the best new varieties with description is given on page 8 of this Catalogue.

SPECIAL NOTICE.

In making up our list we have selected all good free flowering varieties.

Any varieties not mentioned we shall be pleased to supply at advertised prices.



Cactus Dahlia.

SELECT CACTUS DAHLIAS.

Containing a very choice collection of the leading varieties.

- Atlanta.** Large bright red.
Bridesmaid. Pale crimson, shading to white.
Countess of Lonsdale. Rich salmon-tinted apricot. Extremely profuse bloomer.
Floradora. Wine-crimson, splendid-shaped flowers on long, wiry stems.
Galliard. Deep red, with fine petals, and a tendency to curve inward; very free.
General Buller. Deep rich velvety maroon, tipped white.
Hohenzollern. A combination of gold and bronzy orange red.
Kriemhilde. Delicate pink, shading to rose pink. Long stiff stems.
Mavis. Salmon, with pure yellow at the base of the petals.
Mrs. J. H. Jones. Deep crimson, with a broad stripe of white in petals.
Mrs. J. J. Crowe. Clear light canary yellow; quilled and curved petals.
Spotless Queen. Pure white.
Standard Bearer. A medium-size flower of brightest scarlet.
Titania. Very large deep maroon.
Uncle Tom. The best black Cactus. Color jet black passing to maroon.
Victor von Scheffel. Delicate pink.
Volker. Clear yellow.
Winsome. The finest white. Very large flowers and long stems.

Strong field grown roots of the above
15 cts. each; \$1.50 per dozen.

DAHLIAS--Continued

GIANT DECORATIVE DAHLIAS.

These are the largest and most perfect double-flowering Dahlias.

- Cuban Giant.** An immense ball of bright maroon.
Gettysburg. A bright rich scarlet.
Gigantea. Creamy white. Very large.
Le Colosse. Bright carmine-scarlet. Early free-flowering.
Mad, van Den Dael. Color shell pink, with deeper markings.
Mrs. Roosevelt. A delicate shade of soft pink.
Pendent. Very large; bright crimson maroon. Profuse bloomer.
Souv. de Gustave Doozan. A beautiful red; flowers from 6 to 8 inches across.
Yellow Duke. The largest yellow.
 Strong roots.
 Each, 20 cts.; per doz., \$2.00.

SUPERB DECORATIVE DAHLIAS.

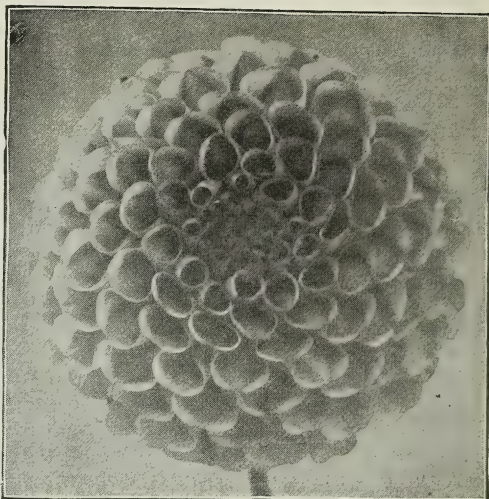
These are varieties of recent introduction and have proved to be of exceptional merit.

- Catherine Duer.** Bright crimson-scarlet.
Delice. The finest pink decorative.
Frank L. Basset. Carmine purple shading to blue.
Grand Duke Alexis. A grand flower. Pure white, tinged delicate pink.
Jack Rose. A rich shade of crimson. Very large perfect flowers in great profusion.
Kaiserin Augusta Victoria. White.
Lyndhurst. The best bright scarlet.
Miss Mimmie McCullough. Soft yellow overlaid with bronze.
Sylvia. Soft pink, changing to white.
Yellow Colosse. A very large bright yellow.
 Strong roots of the above varieties.
 Each, 20 cts.; per doz., \$2.00.

DECORATIVE DAHLIAS.

Our list has been revised, and only contains the best varieties.

- Beauty of Brentwood.** Plum striped maroon. Very fine.
Bronze Beauty. Golden yellow overlaid with bronze; very fine.
Clifford W. Brunton. The best yellow.
Denver. Large yellow, shading to red at tips of petals.
Flora. Pure white, with broad petals.
Henry Patrick. A superb pure white. Fine for cutting.
John Elitch. Very large deep crimson, richly shaded; long stems.
Maid of Kent. Cherry-red, tipped white.
Mrs. Chas. Turner. Pure yellow.
Mrs. Winters. Very large, pure white.
Perle d'Or. The best white; very large flowers on long stiff stems.
Wm. Agnew. Rich, dazzling carmine-red, immense size.
 Strong roots of the above varieties.
 Each, 15 cts.; per doz., \$1.50.



Show Dahlia.

CHOICE SHOW DAHLIAS.

The following are a selection of the best varieties:

- Chas. Lanier.** Very large, yellow-amber, shaded buff.
Deer's White. A very free flowering pure white.
Mme. Alf. Moreau. One of the finest pinks.
Mme. Hein Furtado. Pure white.
Princess Victoria. Pure canary-yellow, large blooms on long stems.
Susan. Delicate shell pink.
W. W. Rawson. Pure white, overlaid with amethyst-blue; a grand variety.
 Strong roots. Each, 25 cts.; per doz., \$2.50.

SHOW DAHLIAS.

- Agent.** Delicate soft pink.
Arabella. Light yellow, shaded rose.
Black Diamond. Rich velvety maroon.
David Johnson. Large salmon and rose.
John Thorpe. Very large, soft pink.
Lady G. Herbert. White, tipped deep purple; long stems.
Lemon Beauty. Soft shade of lemon yellow.
Miss May Lomas. Delicate white, suffused soft pink.
Modesty. One of the best; delicate blush.
Red Hussar. Intense scarlet crimson.
Storm King. Fine white for cutting.
Yellow Livoni. Soft pure creamy yellow.
 Strong roots. Each, 15 cts.; per doz., \$1.50.

CHOICE FANCY DAHLIAS.

- A collection of the best distinct varieties.
Eloise. Blush-pink, margined crimson.
Frank Smith. Rich maroon, tipped white.
Gold Medal. Canary yellow, striped red.
Olympia. Rose pink, striped crimson.
Prof. Mansfield. Golden yellow, tipped white.
 Very large.
Progress. Soft rosy lake, spotted crimson.
 Strong roots. Each, 20 cts.; per doz., \$2.00.

DAHLIAS--Continued

PAEONY FLOWERED DAHLIAS.

Large flowers, with petals peculiarly twisted and curved. They are very free flowering and have long, stiff stems.

Bertha von Suttner. Salmon pink, shaded yellow, erect flowers.

Cecilia. Creamy white.

Caesar. Beautiful canary yellow.

Duke Henry. A lovely shade of dark red.

Geisha. A bright orange red on front of petals and bright yellow on the back.

Germania. Wine-color, dark velvet, shaded with nice yellow.

Herzog Heinrich. Beautiful bright red.

King Edward. Large purple flowers.

King Leopold. Primrose.

Queen Emma. A charming shade of pink, the inner petals banded with gold.

Queen Wilhelmina. Fluffy pure white.

Paul Kruger. A variety with three ranges of petals, stripes white and red

Strong roots.

Each, 25 cts.; per doz., \$2.50.

CHOICE SINGLE DAHLIAS.

These have become very popular for cutting purposes. We list a few of the standard varieties.

Alba Superba. A grand pure white.

Ami Barrillet. Flowers rich garnet.

Fashion. Crimson maroon, flamed purple.

Gaillardia. Golden yellow, with disc of red.

Jack. Very brilliant fiery scarlet.

Mary. Color clear soft pink.

Rosalind. Rosy lake, suffused crimson.

St. George. Very large, pure yellow.

Striking. Maroon tipped white.

Sylvion. Bright scarlet, striped white.

Twilight. Soft lavender, shaded rose; very profuse.

Wildfire. A very rich scarlet.

White Cross. Soft rosy lake, with a white stripe through the centre of each petal.

Strong roots.

Each, 15 cts.; per dozen, \$1.50.

DOUBLE DAHLIAS IN SEPARATE COLORS.

Scarlet, Pink, White and Yellow.

Strong roots.

Each, 10 cts.; per dozen, \$1.00.

SELECT COLLARETTE DAHLIAS.

These are entirely distinct from other Dahlias in form and color, having a frill or collar around the centre.

Exposition De Lyon. Garnet red, with collarette.

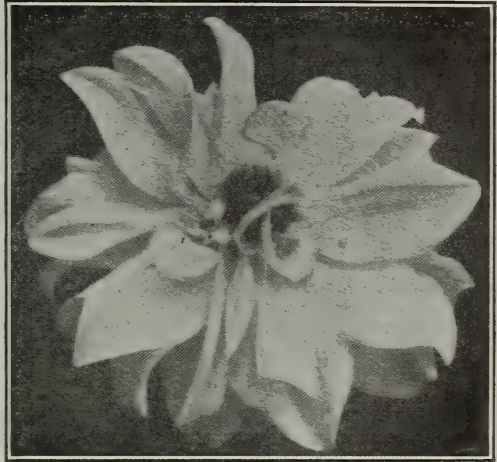
Maurice Rivoire. Petals blood red and pure white fringed collar.

Mons. George Bruant. Violet-crimson, edged white.

Souvenir De Chabanne. Brilliant scarlet. Collar yellow with white tips.

Vilmorin-Andrieux. Velvety red reflexed with rose; edged white.

Each, 25 cts.; per dozen, \$2.50.



Paeony Flowered Dahlia.

DOUBLE POMPON DAHLIAS.

This class produces small, very double-quilled flowers, which are ideal for

bouquet work.

Allie Mourey. Light pink.

Guiding Star. Pure white.

Little Beauty. Delicate schrimp pink.

Klein Domitea. Salmon buff.

Little Herman. Deep red, tipped white.

Vivid. Intense vivid scarlet.

Strong roots.

Each, 15 cts.; per dozen, \$1.50.

NEW CENTURY DAHLIAS.

These comprise a large variety and range of Single Dahlias. Producing flowers from 5 to 7 inches in diameter.

Crimson Century. Deep rose ground with crimson blotch.

Gorgeous. Dazzling scarlet.

Harvard. An intense crimson.

Iris. Brilliant crimson purple, blotched on a rosy-lake ground.

Leone. Pure white, with a blush band.

Maroon Century. Maroon, shaded plum.

Pink Century. Delicate shell pink.

The Record. Canary yellow, with scarlet blotch.

White Perfection. Snow white.

Yellow Century. Canary yellow.

Strong roots.

Each, 25 cts.; per dozen, \$2.50.

DOUBLE CENTURY DAHLIAS.

Similar to the Century types, excepting they have two or more rows of petals.

Big Chief. Brilliant cherry-red, edged velvet maroon.

Merry Widow. Large deep scarlet flowers.

Souv. De Franz Liszt. Deep rich garnet.

Variegated Liszt. Dark red at the base shading to bronze at the tips of petals.

Strong roots.

Each, 25 cts.; per dozen, \$2.50.

SUMMER FLOWERING BULBS

AMARYLLIS.

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing, but at their season of rest water should be given sparingly.

Belladonna Major. Large violet and white. Each 25 cts.; dozen \$2.50.

Formosissima (Jacobean Lily). Dark crimson. 25 cts. each; \$2.00 per dozen.

Johnsonii. Crimson striped with white. Extra large bulbs. Each 50 cts.; dozen \$5.00.

Vittata. Hybrids. Mixed colors. Each 50c.; dozen \$5.00.

Zephyranthes candida (Wind Lily). Pure white, fragrant. Each 5 cts.; doz. 50 cts.

Zephyranthes rosea (Fairy Lily). Pink flowers. 12 inches high. Blooms the whole summer. Each 5 cts.; dozen 50 cts.

Lycoris Squamigera. (Halli.) Perfectly hardy variety, producing beautiful pink flowers in August on stems 2 to 3 feet high. Each 20 cts.; dozen \$2.00; per 100 \$15.00.



Amaryllis, Vittata.

BEGONIAS.

Splendid pot plants for the house or greenhouse and especially valuable for bedding, flowering in the greatest profusion throughout the summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED.

	Each	Dozen	100
Crimson	\$0.10	\$0.75	\$5.00
Salmon Pink .....	.10	.75	5.00
Scarlet .....	.10	.75	5.00
Rose .....	.10	.75	5.00
White .....	.10	.75	5.00
Yellow .....	.10	.75	5.00
Special Mixed .....	.05	.50	4.00

DOUBLE TUBEROUS-ROOTED.

	Each	Dozen	100
White	\$0.15	\$1.50	\$10.00
Yellow .....	.15	1.50	10.00
Rose .....	.15	1.50	10.00
Scarlet .....	.15	1.50	10.00
Salmon .....	.15	1.50	10.00
Special Mixed .....	.10	1.00	8.00



Single Begonia.

CALADIUM ESCULENTUM. (Elephant's Ear).

Grand tropical plant. A favorite for specimens on the lawn. Height, 4 to 5 feet.

	Each	Dozen	100
Bulbs, 6 to 8 inches in circum.....	\$0.05	\$0.50	\$3.50
Bulbs, 8 to 10 inches in circum.....	.10	1.00	7.00
Bulbs, 10 to 12 inches in circum.....	.20	2.00	14.00
Monster Bulbs, 12 inches and upward in circum.....	.40	4.00	30.00
Fancy Leaved Named Varieties.....	.25	2.50	18.00

CALLAS (Richardia).

	Each	Doz.	100
Elliottiana. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth. Leaves are beautifully spotted with white.....	\$0.30	\$3.00	\$22.00
Spotted Leaf Calla (Richardia alba maculata). Dark green foliage beautifully spotted white.....	.10	1.00	6.00
Mrs. Roosevelt. Flowers white tinged with lemon leaves spotted .....	.20	2.00	16.00

CANNAS.

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

	Each	Dozen	100
Burbank. Very rooty and vigorous; color lemon-yellow, thickly spotted in the throat with bright scarlet. 6 feet.....	\$0.10	\$0.75	\$6.00
Black Prince. Green-leaved. A tall growing sort, with fine showy flowers of crimson-scarlet, over-laid maroon. 5 feet.....	.10	.75	6.00
Brandywine. Large trusses; flowers cherry-red, boldly dappled with crimson. Dark foliage heavily ribbed and margined chocolate. 4 ft.....	.10	.75	5.00
Crimson Bedder. Intense scarlet. 3 ft.....	.10	.75	6.00
Chas Henderson. Deep crimson; fine for bedding. 4 ft.....	.10	.75	5.00
Doctor Nansen. Green-leaved. Fine heads of pure yellow flowers. 3 ft.....	.10	.75	6.00
Egandale. Currant red; very free. Healthy bronze foliage. 3 to 4 ft.....	.10	.75	6.00
Gladiator. Green-leaved. A very showy bedding Canna of medium height, with large flowers of brassy yellow thinly speckled in dull red. 3 ft.....	.10	1.00	8.00
Italia. Great crinkly petals of clear yellow, irregularly overlaid with varied shades of orange scarlet. 5 ft.....	.10	.75	6.00
King Humbert. Orange-scarlet, bronze-coppery foliage. 5 ft.....	.10	1.00	7.00
Madame Crozy. Bright crimson scarlet, bordered with golden yellow. 4 ft...	.10	.75	6.00
President Meyer. Handsome bronze foliage; flowers large, in wide trusses, cherry-carmine. 6 ft.....	.10	.75	6.00
Pennsylvania. Lustrous, wavy petals of great size, in which the richest shades of orange and scarlet are exquisitely blended. 6 ft.....	.10	.75	6.00
Queen Charlotte. Rich scarlet crimson, broadly banded with canary yellow. 4 ft.	.10	.75	6.00
Shenandoah. Bronze foliage; large pink flower. 5 ft.....	.10	.75	6.00
Wyoming. Blossoms orange colored, true orchid shaped with large rounded petals. 7 ft.....	.10	1.00	8.00

Plants ready in May. Each 15c.; doz., \$1.50; 100, \$10.00.

CINNAMON VINE.

Dioscorea Batatas. A rapid growing Summer climber, with bright green glossy foliage, and spikes of cinnamon-scented white flowers. Each, 5c.; dozen, 50c.; 100, \$3.50.

GLADIOLUS.

There are no other summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from three to six inches apart in rows, or for massing six inches apart, and about four inches deep.

GLADIOLUS IN MIXTURE.

Our mixtures are made up from fine varieties, and are all selected first-size bulbs.

	Doz.	100
American Hybrids. This is our general mixture, and is composed of fine sorts in all colors, in first size bulbs only.....	\$0.25	\$1.75
Childsii, Mixed. Superb large-flowered, first quality.....	.50	3.00
Lemoine's Butterfly Hybrids, Mixed. Splendid colors.....	.30	2.00
Groff's New Hybrids. Splendid new strain, embracing thousands of varieties in the greatest diversity of colors. Mixed hybrid seedlings, first selection.....	.30	2.00
Primulinus Hybrids. Shades of yellow, orange and crimson.....	2.00	12.00

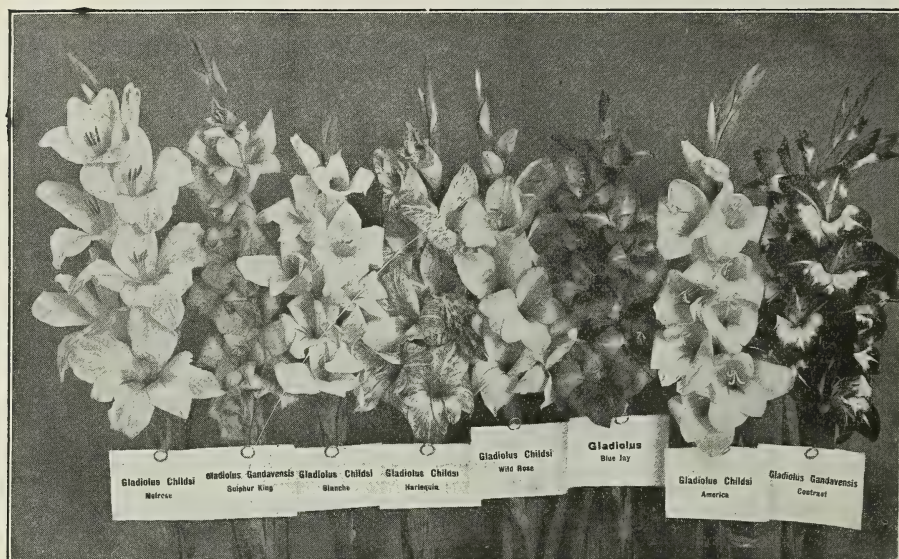
SEPARATE COLORS MIXED.

Scarlet and Crimson, shades mixed.....	.30	2.00
White and Light, shades mixed.....	.40	3.00
Striped and Variegated, shades mixed.....	.50	3.50
Pink and Rose, shades mixed.....	.40	3.00
Yellow and Orange, shades mixed.....	.60	4.50



Gladiolus Mixed.

GLADIOLUS



NAMED HYBRID GLADIOLUS.

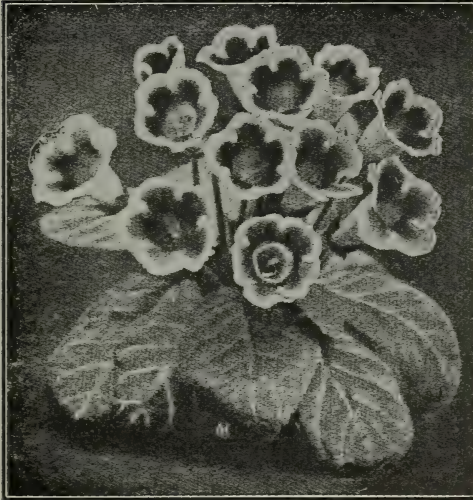
	Each	Dozen	100
Alaska. A pure white variety producing a well formed spike of well formed flowers	\$1.00	\$10.00	\$75.00
America. Large flower, beautiful flesh pink; beautiful for cutting.....	.10	1.00	6.00
Attraction. Deep dark, rich crimson, white throat .....	.10	.75	5.50
Augusta. Lovely pure white, with blue anthers.....	.05	.50	3.50
Blanche. Large flowers, pure white, with faint marks .....	.30	3.00	20.00
Blue Jay. (Baron Hulot.) The finest blue Gladiolus .....	.12	1.25	10.00
Brenchleyensis. Vermillion scarlet .....	.05	.30	2.00
Canary Bird. Fine yellow; extra good.....	.15	1.50	10.00
Contrast. Scarlet with white throat; not tinted or mottled .....	.50	5.00	35.00
Imperial Pink. A tall grower with long spike and very large flower. Color light salmon-pink, penciled with a deeper shade .....	.60	6.00	45.00
I. S. Hendrickson. A beautiful mottling of white and deep pink.....	.10	.60	4.00
May. A lovely pure white flower, finely flaked, rosy crimson .....	.10	.75	5.00
Melrose. White flaked pink, bright crimson center .....	.50	5.00	35.00
Mrs. Francis King. Light scarlet of pleasing shade. Long spikes, one of the best for decorating.....	.10	.60	4.50
Niagara. Beautiful cream shade with lower petals blending to yellow inside, throat splashed carmine.....	.50	5.00	35.00
Octoroon. A beautiful salmon pink, very distinct .....	.10	1.00	6.00
Panama. A new seedling of "America," resembling the parent, except that it is a much deeper pink.....	.60	6.00	45.00
Peace. The flowers are large, of perfect form, white with a pale lilac feathering on the interior petals.....	.30	3.00	20.00
Princeps. Rich crimson with broad white blotches across the lower petals .....	.20	1.75	12.00
Sans Pareil. A perfect spike with very large bright orange-rose flowers, slightly striped with vermilion and white blotch	1.00	10.00	75.00
Scarsdale. Tall grower, with large, pink lavender-colored flowers shaded to dark rose	1.00	10.00	75.00
Sulphur King. Deep pure yellow; the finest yellow .....	.30	3.00	20.00
Shakespeare. White suffused carmine.....	.12	1.25	8.00
Wild Rose. Very bright rose or blush tint.....	.20	1.75	12.00
Wm. Falconer. Clear light pink, enormous flowers .....	.12	1.25	9.00

GLOXINIAS.

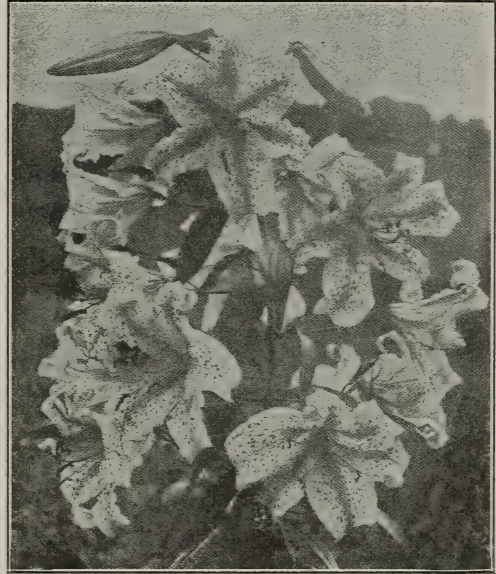
These are desirable summer-flowering plants for both greenhouse and window.

	Each	Doz.	100
Colestinum. Blue.....	\$0.15	\$1.50	\$10.00
Defiance. Bright crimson.	.15	1.50	10.00
Kaiser Frederick. Scarlet,			
white margin .....	.15	1.50	10.00
Kaiser William. Blue,			
white border .....	.15	1.50	10.00
Mount Blanc. Snow white	.15	1.50	10.00

	Each	Doz.	100
Tigridia. Spotted	\$0.15	\$1.50	\$10.00
Large-Flowering. All			
colors, mixed .....	.10	1.00	8.00



Gloxinia.



Lilium Auratum.

HYACINTHUS CANDICANS (Cape Hyacinth).

A snow white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white bell-shaped flowers. Each, 5c.; dozen, 50c.; 100, \$3.00.

ISMENE CALATHENA GRANDIFLORA.

The flowers are very large, like an Amaryllis, novel in form and snow white in color. Each, 10 cts.; dozen, \$1.00; 100, \$8.00.

LILIES.

When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least 6 inches deep.

	Each	Doz.	100
Auratum (Golden-Banded Lily). The grandest of all hardy Lilies.....	\$0.20	\$2.00	\$15.00
Canadense. Lovely nodding blossoms, bell-shaped, yellow spotted black....	.10	1.00	8.00
Elegants Robusta. Orange, spotted black.....	.15	1.25	9.00
Golden Gleam. Pure golden yellow.....	1.00	10.00	...
Hansonii. Flowers reddish orange.....	.60	7.00	40.00
Henryi. The yellow Speciosum. Bright orange yellow	1.00	10.00	...
Pardalinum (Leopard Lily). Rich scarlet and yellow flower, spotted with rich brown .....	.15	1.25	10.00
Speciosum Album. Beautiful pure white flowers of large size.....	.20	2.00	14.00
Speciosum Rubrum Magnificum. White, shaded rose and spotted deep red..	.20	2.00	14.00
Speciosum Rubrum Melpomene. Very dark crimson-spotted flowers of large size	.20	2.00	15.00
Superbum. Flowers bright orange red, thickly spotted with purple.....	.10	1.00	7.00
Tigrinum Splendens (Single Tiger Lily). Rich scarlet, with black spots....	.10	1.00	7.00
Tigrinum Flore Pleno (Double Tiger Lily). Brigh orange red, with black spots	.12	1.25	8.00
Tenuifolium (Siberian Coral Lily). Nodding, rich scarlet flowers.....	.15	1.50	10.00
Umbellatum. A splendid, hardy Lily. Colors range from deepest red through all shades of crimson, rose, yellow, buff, apricot, etc. ....	.10	1.00	8.00
Wallacei. Rich vermillion-orange .....	.15	1.25	9.00

LILY-OF-THE-VALLEY CLUMPS.

Large clumps of Lily-of-the-Valley for outside planting and naturalizing. These clumps will throw from 15 to 20 spikes of flowers. Each, 30c.; dozen, \$3.00; 100, \$25.00.

MADEIRA OR MIGNONETTE VINE.

A beautiful climbing vine of rapid growth. Each, 5c.; dozen, 50c.; 100, \$3.50.

MONTBRETIAS.

Hardy Summer-flowering, bulbous plants that are becoming more popular every year. They should be planted in groups and left undisturbed.

Bouquet Parfait. Vermilion with yellow center.

Crocsmiaeflora. Large, bright orange, tinted scarlet.

Drap d'Or. Orange yellow.

Eldorado. Dark yellow.

Etoile de Feu. Bright vermillion and scarlet; large flowers.

Gerbe d'Or. Golden yellow.

Pottsi. Orange and scarlet; very free flowering.

Rayon d'Or. Ochre yellow and brown.

Any of the above varieties:

Dozen, 15 cts.; 100, \$1.00.

O X A L I S.

Summer flowering for beds or borders.

	Doz.	100
Deppei. Pure white	\$0.10	\$0.60
Deppei Rosea. Pink .....	.10	.60
Lasandria. Rosy pink .....	.10	.60
Purpurea. Purple .....	.10	.60



Montbretias.

P A E O N I E S.

Indispensable in every garden; hardy and admirably adapted to northern climate, growing in almost all situations; even flourishing under shade trees.

	Each	Doz.	100
Mixed Double Red shades	\$0.15	\$1.50	\$10.00
Mixed Double Pink shades.....	.15	1.50	10.00
Mixed Double White shades.....	.15	1.50	10.00

TRIGIDIA (Shell Flower).

Curious and beautiful shell-like flowers about four inches in diameter, flowering from July to October.

	Doz.	100
Canariensis. Yellow	\$0.75	\$5.00
Grandiflora Alba. White.....	.75	5.00
Pavoniana. Red .....	.75	5.00
Rosea. Pink .....	.75	5.00

T U B E R O S E S.

One of the most popular Summer-flowering bulbs.

	Each	Doz.	100
Double Excelsior Pearl. Extra fine bulbs.....	\$0.05	\$0.50	\$3.50
Armstrong's. The single everblooming Tuberose.....	.05	.50	3.50

Z E P H Y R A N T H E S.

(Zephyr Flower, or Fairy Lilies.)

Beautiful dwarf, bulbous plant, very effective for masses or borders, flowering with great profusion during the summer.

	Each	Doz.	100
Alba. Pure white.....	\$0.05	\$0.50	\$3.50
Rosea. Large rose-colored.....	.05	.50	4.00



Tuberose.

HORTICULTURAL TOOLS AND REQUISITES.

APRONS, Gardener's Rubber, Waterproof.
Each, 75c. and \$1.25.

ASPARAGUS BUNCHER. Each, \$3.00.

ASPARAGUS KNIVES, English, Each, \$1.25.
" " American, Each, 35c.

AXES, FELLING. With handle. \$1.75 to \$2.50.

BASKETS, HANGING WIRE. Painted, 8 in.,
20c.; 10 in., 25c.; 12 in., 35c.; 15 in., 45c.;
18 in., 65c.; 20 in., 90c. each.

BASKETS, ORCHID. 6 in., each 30c., doz.
\$3.25; 8 in., each 40c., doz. \$4.25; 10 in.,
each 50c., doz. \$5.25; 12 in., each 60c., doz.
\$6.25.

BASKETS, RUSTIC HANGING. 8 in., \$1.00;
10 in., \$1.25; 12 in., \$1.75; 14 in., \$2.25 each.

**BELLOWS
DOUBLE
CONE.**



Each, \$3.50.

LARGE SINGLE CONE

Each, \$2.50.

SMALL SINGLE CONE

Each, \$1.50.

LIQUID ATOMIZER.

Large. Each, \$2.00.

Small. Each, \$1.50.



BELLOWS. Jumbo Powder. Each, 25c.

BILL HOOKS. Light, \$1.25; heavy, \$1.50.

BLAKE'S LEVER CLIPS. For rose wire
fastening. Per 1000, \$2.00.

BOXES, CORRUGATED. Extra strong for ship-
ping Cut Flowers.

Long	Wide	Deep	Dozen	100
24 in.	8 in.	4 in.	\$2.25	\$15.00
28 in.	8 in.	5 in.	2.50	18.00
36 in.	12 in.	8 in.	3.00	25.00
48 in.	14 in.	8 in.	4.50	33.00

BOXES, FOLDING. For cut flowers. Made
of strong cardboard.

Long	Wide	Deep	Dozen	100
18 in.	6 in.	3½ in.	\$0.60	\$4.00
21 in.	7 in.	3½ in.	.90	6.00
24 in.	8 in.	4 in.	1.00	7.00
28 in.	8 in.	5 in.	1.25	8.00
35 in.	8 in.	5 in.	1.50	10.00

BRUSH HOOKS. Each, \$1.50.

CANES, BAMBOO.

	Doz.	100	1000
Green, 2½ ft.....	\$0.10	\$0.60	\$5.00
" 4 ".....	.10	1.00	7.50
Natural, 6 ft.....	.10	.75	7.00
" 6 to 8 ft.....	.20	1.25	10.00
" 10 " 12 ".....	.40	2.50	22.00

CARNATION SUPPORTS.

"Common Sense."

	Dozen	100
Wire, 2-ring ...	\$0.50	\$3.50
" 3 ".....	.60	4.00

"Model Extension."

	Dozen	100
Wire, 2-ring ...	\$0.50	\$3.50
" 3 ".....	.60	4.00

COTTON BATTING.

Large sheets. Dozen, 60c.

CORK BARK. Per lb., 15c.

CULTIVATORS. See page 82.



DAHLIA STAKES. See page 72.

DIBBLES. Iron point with
wood handle for trans-
planting. Small, 35 cts.;
large, 50 cts.



FLOWER POTS, STANDARD. Earthenware.

Inside Measurement	Each	Per 100	Per 1000
2½ in.....	\$0.01	\$0.85	\$ 8.50
3 in.....	.02	1.25	11.50
4 in.....	.03	2.00	18.00
5 in.....	.04	3.50	32.00
6 in.....	.06	5.00	46.00
7 in.....	.10	8.00	75.00
8 in.....	.15	11.00	100.00
9 in.....	.20	16.00	....
10 in.....	.25	20.00	....
12 in.....	.50	40.00	....



FLOWER POT STANDS OR SAUCERS.

Earthenware.

Sizes	Each	Dozen	Sizes	Each	Dozen
4 in.	\$0.03	\$0.25	9 in.	\$0.09	\$1.00
5 in.	.03	.30	10 in.	.12	1.20
6 in.	.04	.35	11 in.	.14	1.40
7 in.	.05	.50	12 in.	.15	1.50
8 in.	.07	.75	14 in.	.25	3.00

ROUND BULB OR LILY PANS. Earthenware

Width	Height	Each	Dozen	100
6 in.	3 in.	\$0.07	\$0.70	\$5.00
7 in.	3½ in.	.08	.80	7.00
8 in.	4 in.	.10	1.00	8.00
9 in.	4½ in.	.15	1.50	12.00
10 in.	5 in.	.20	2.00	16.00
12 in.	6 in.	.35	3.50	27.00

SEED PANS. Square Earthenware.

	Each	Dozen	100
6 x 6 inches.....	\$0.30	\$3.00	
8 x 8 ".....	.35	3.50	
10 x 10 ".....	.40	4.00	
12 x 12 ".....	.45	4.50	

HANGING FLOWER POTS. Earthenware.

Useful for growing hanging plants in the
greenhouse or window. 7 in., 25c.; 8 in.,
30c.; 9 in., 35c. each.

FERN PANS. Earthenware. Outside measure.

Width	Height	Each	Dozen
4¾ inches	2½ inches	\$0.05	\$0.50
5½ " "	2¾ " "	.06	.60
6¼ " "	2½ " "	.07	.75
7 " "	2¾ " "	.08	.85
8 " "	3½ " "	.10	1.00
9 " "	3¼ " "	.12	1.25

ORCHID PANS.

Size	Doz.	100	Size	Doz.	100
5 in.	\$1.25	\$ 8.00	8 in.	\$2.25	\$15.00
6 " "	1.50	10.00	10 " "	4.00	28.00
7 " "	2.00	12.00	12 " "	6.00	45.00

**NEPONSSET WATERPROOF PAPER
FLOWER POTS.**

Made of waterproof paper, and are light,
clean and unbreakable.

	Dozen	100	1000
2¼ inches.....	\$0.10	\$0.40	\$3.00
2½ ".....	.15	.50	3.50
3 ".....	.20	.70	5.00
3½ ".....	.25	1.00	6.50
4 ".....	.35	1.25	8.00

Horticultural Tools and Requisites. Continued.

FLOWER POT SAUCERS.

Indurated Wood Fibre. Very light and durable. Not porous, and will protect tables on which plants stand.



	Each	Dozen		Each	Dozen
4 in.	\$0.12	\$1.35	10 in.	\$0.20	\$2.30
5 "	.13	1.50	12 "	.24	2.75
6 "	.15	1.75	14 "	.30	3.25
7 "	.17	2.00	16 "	.50	5.50
8 "	.18	2.10	18 "	.60	6.50

FLOWER POT ROLLING STANDS. For heavy plants. Platforms are of indurated fibre ware; will not soak or rust. Casters have ball-bearings.

Outside diameter		Inside diameter	Each
12 inches	3 casters	10 inches	\$0.80
14 "	3 "	11 "	.90
16 "	4 "	13 "	1.10
18 "	4 "	15 "	1.20
20 "	4 "	17 "	1.50
22 "	5 "	20 "	1.70

FLOWER VASES. Indurated Wood Fibre. Inside Measurement.

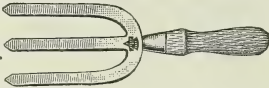
No.	Diam.	Deep	Each	Doz.
0.	8 in.	13 in.	\$0.70	\$8.00
1.	5½ "	10 "	.65	7.50
2.	4½ "	9 "	.60	6.00
3.	4 "	6 "	.50	5.50
4.	3 "	4½ "	.40	4.50
000.	9 "	29 "	3.50	40.00
00.	9 "	22 "	2.75	30.00
01.	7 "	20 "	1.75	18.00
11.	5½ "	18 "	.80	8.50



FORKS.

Digging or Spading. Keen-Kutter.
 4 Tine. Long or short handle. Ea., \$1.00.
 5 Tine. Long or short handle. Ea., \$1.25.
Hay. 2 Tine, 75c.; 3 tine, 85c.
Manure. Long and short handled, \$1.00.

Transplanting.
 Keen-Kutter.
 Polished steel.
 Each, 70 cts.



Transplanting. Malleable. Each, 20 cts.

FRUIT PICKERS. Wire, "Peerless." 35 cts.

FUMIGATOR, "EUREKA." For

fumigating with Tobacco Stems.

No. 2. Holds 1 peck stem... \$2.25

No. 3. Holds ½ bus. stems... 2.75

FUMIGATING LAMP, "Defiance."

For nicotine, nicofume liquid, etc.

No glass; burns kerosene oil. 60c.

FUMIGATOR, SULPHUR. Camp-

bell's Patent. Designed to va-

pimize Sulphur in greenhouses

without danger of the Sulphur

taking fire, or disfiguring the

foliage.

No. 1. For houses up to 5,000 cubic feet.

Each, \$6.50.

No. 2. For houses up to 10,000 cubic feet.

Each, \$8.00.



GARDENER'S GLOVES. Per pair, \$1.25.

GARDEN LINES. Finest braided hemp. 75 ft., 50c.; 100 ft., 65c.; 200 ft., \$1.25.

GARDEN REELS, for above, of wrought iron. Small, \$1.00; large, \$1.25.

GARDEN PENCILS. Indelible black. Ea. 15c.

GLASS

CUTTERS.



"Red Devil." No. 24, 10c.; No. 23, 15c.; No. 3, 25c.; No. 6, 50c. each.

GLASS FOR GLAZING SASH. Market price.

GLAZING POINTS. Van Reyper's or Peerless. Per 1000, 75 cts.

PINCERS for above. Each, 50 cts.

GLAZING POINTS, Siebert's. Made of zinc and will not rust. Two sizes, ⅝ and ⅞ in. long. Per lb., 40 cts.

GRAFTING WAX. For grafting cuts and bruises on trees. ¼ lb., 10c.; ½ lb., 15c.; 1 lb., 30 cts.

GRINDSTONES, Mounted. See page 85.

GRASS HOOKS

or SICKLES.

Best English welded back.

No. 1. Small.....each \$0.50

No. 2. Medium.... " .75

No. 3. Large..... " 1.00

German, small size.. " .35

German, large size.. " .50

GRAPE BAGS. Paper plain, 30c. per 100. With wire, 40c. per 100.

HOES, DRAW. With handles. 5 in., 40c.; 6 in., 50c.; 7 in., 60c.; 8 in., 70c.

HOES, SHUFFLE OR DUTCH.

Handles, 20 cts. extra.

4 in. \$0.50 8 in. \$0.70

5 " .55 9 " .75

6 " .60 10 " .80

7 " .65 12 " .90



HOES, WARREN. Medium, 75c.; large, 90c.

HORSE BOOTS. For lawns, made of heavy leather. Medium size, set of four, \$9.00; large size, \$10.00.

HOSE, Rubber. ¾ in. coupled in 50 ft. lengths.

"Standard," 5-plyPer ft. 12c.

"Christiana," 7-ply " 15c.

"Marshall," non-kinkable, ¾ in. " 18c.

"Electric," non-kinkable..... " 20c.

"Electric," non-kinkable, ½ in. " 18c.

"Revero," non-kinkable, ¾ in. " 20c.

"Revero," non-kinkable, ½ in. " 18c.

HOSE BANDS. Made of brass wire. For

putting on couplings. Per dozen, 15c.

HOSE PLIERS, for the above. Each, 25c.

HOSE CLAMPS. Bolt pattern. Dozen, 60c.

HOSE COUPLINGS. Brass. Each, 25c.

HOSE HYDRANT ATTACHMENT. Used

for connecting hose to smooth faucets.

Brass. Each, 50 cts.

HOSE MENDERS.

"Cooper's," Brass. ½ or ¾ in., each,

10c.; dozen, \$1.00. Iron. Each, 5c.;

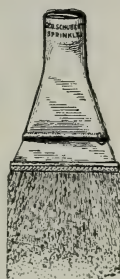
dozen, 50c.

"The Perfect." Each, 10c.; dozen, \$1.00.

Horticultural Tools and Requisites. Continued.

HOSE NOZZLES.

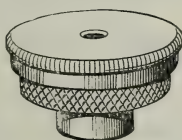
- "Gem" or "Graduating."
 $\frac{3}{4}$ -in. hose. Can be regulated to give 3 different streams. Each, 50 cts.
- "The Boss," Spray or Stream, with shut-off. Each, 50 cts.
- "The Stott," Single Spray. Each, \$1.25.
- "The Rainbow," (see cut). Fine or coarse Spray. Each, \$1.50.
- "Hose Rose," or "Boston Spray." With coarse or fine spray for $\frac{3}{4}$ in. hose. Each, 60 cts.



The Rainbow.

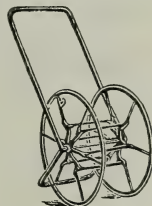
HOSE NOZZLES FOR SPRAY PUMPS.

- "Bordeaux," Adjustable. Each, 75 cts.
- "Vermorel." A fine spray. Each, 75 cts.
- "Shower." Will not clog and does the work without waste of material and time. $\frac{1}{4}$ in. thread pipe. Ea., \$1.35. (See cut).



HOSE REELS. Made with tubular iron; strong and durable.

- No. 10, for 100 ft., $\frac{3}{4}$ -in. hose. Each, \$3.25.
- No. 20, for 150 ft., $\frac{3}{4}$ -in. hose. Each, \$3.50.
- No. 30, for 500 ft., $\frac{3}{4}$ -in. hose. Each, \$5.50



Hose Reels. Wooden. Each, \$1.50.

HYACINTH STAKES. Dyed green.

- 12 inches long. Per 100, 20c.; 1000, \$1.50.
- 18 inches long. Per 100, 25c.; 1000, \$2.00.



KNIVES, ASPARAGUS. American. Ea., 35c.

" " English. Each, \$1.25.

" " CORN. Forged steel. Each, 35c.

KNIVES, Budding.

- American round point. Each, \$1.00.
- American sharp point. Each, \$1.00.
- German. Two blades, brass cap. Each, \$1.50.
- Saynor's, No. 400. Each, \$1.50.
- " " 401. " 1.50.



KNIVES, Pruning.

American, in different shapes. Each, 75c. to \$1.50.

English, Saynor's, in different sizes. Each \$1.50 to \$2.25.



- KNIVES. English Edging. Handles 20c. extra. 8-in., \$1.25; 9-in., \$1.50; 10-in., \$1.75.
- American Edging. Each, 60c.
- American Edging. With Handles. Each, 75c.



LABELS. Wooden. Pot and Garden.

		PLAIN		PAINTED	
		100	1000	100	1000
4	in.....	\$0.15	\$0.60	\$0.15	\$0.90
4½	".....	.15	.80	.15	1.00
5	".....	.15	.90	.20	1.25
6	".....	.20	1.00	.25	1.35
8	".....	.40	3.50	.50	4.50
12	".....	.75	6.00	.85	7.00

LABELS. Three Copper Wire. 3½ inches. Painted. Per 100, 25c.; 1000, \$1.50.

THE ALLPROOF. Made with zinc, having a white enameled surface for the name which is covered with a glass slide.

- No. 1. For hanging, 3½ in. long Doz. Gross \$0.60 \$6.00
- No. 2. For pots or borders, 6 in. long .60 6.00
- No. 3. For pots or borders, 8 in. long .70 7.00

LABELS. Zinc Tree or Garden. Per 100,

- No. 1, \$2.00; No. 2, \$1.75; No. 5, \$1.75; No. 6, \$1.50; No. 7, \$1.25; No. 13, \$1.50; No. 14, \$1.00; No. 15, \$1.25; No. 21, \$1.75.

INDELIBLE INK for above. Per bottle, 25c.

A permanent label air and watertight.

Dozen, 60 cts.; 100, \$4.00.



LAWN SPRINKLERS. See page 80.

LAWN RAKES. See Rakes.

LAWN MOWERS. See pages 75 to 77.

LAWN SWEEPERS. See page 78.

LEAF-MOULD. Per 1 barrel bag, \$1.75.

MASTICA. For glazing greenhouses. Per quart, 50c.; per gallon, \$1.50.

MASTICA GLAZING MACHINE. Ea., \$1.35.

MATTOCKS.

"Oak Leaf."

Hoe 4¼ in.,

Cutter 3 in.

With handles, \$1.35.



MATS, FROST-PROOF, BURLAP.

These mats are 76x

76 inches square,

and made of strong

Burlap cloth, filled

with wool. Each,

\$1.50; per dozen,

\$16.00.



WATERPROOF DUCK. Filled same as above, with waterproof duck cotton cloth on one side. Size, 76x76 inches. Each, \$2.00; per dozen, \$22.00.

STRAW. Size, 6x6 feet. Each, \$1.75; per dozen, \$20.00.

MELON NETS. English Make. Per doz., \$1.50.

MOLE TRAPS.

"New Model." Each, \$1.50.

"The Reddick." Each, \$1.00.

"English." Each, 35c.

MOSS, SPAGNUM, LIVE. For orchids. Per bbl., \$3.00.

For packing. Per 5-barrel bale, \$3.00.

Green, in sheets. Per bag, \$5.00.

Dyed Green, in sheets. Per bag, \$5.00.

NAILS. English Wall. 1½ inches. Per lb., 25 cts.



Horticultural Tools and Requisites. Continued.

OIL CANS. Brass bottom. Three sizes, 30c., 40c. and 50c. each.

PAPER, Cream Manilla. 24 x 36. Per lb., 8c. Tissue. Per ream (480 sheets), \$1.25.

Waxed Tissue. Per ream (480 sheets), 24 x 36 inches, \$3.00.

Coarse, for parcelling. Per lb., 8c.

PEAT, Rotted. Per 1-barrel bag, \$2.00.

Orchid. Per 1-barrel bag, \$2.00.

PENCILS, GARDEN. Each, 15c.

PICK MATTOCKS. "Oak Leaf."

Hoe $4\frac{1}{4}$ in.

Pick $8\frac{1}{2}$ in.

With handles.

Each, \$1.25.



PICKS. Pointed both ends. With handles. Each \$1.00.

PLANT SPRINKLERS. See Sprinklers.

PLANT STAKES. Round Green Tapering (light):

$1\frac{1}{2}$ feet.	Each, \$0.02	Doz., \$0.20	100, \$1.20
2 "	.. " .03	" .35	" 2.00
$2\frac{1}{2}$ "	.. " .04	" .40	" 3.00
3 "	.. " .06	" .60	" 4.00
$3\frac{1}{2}$ "	.. " .06	" .60	" 5.00
4 "	.. " .07	" .70	" 5.50

Round Green Tapering (Heavy):

4 feet....	Each, \$0.10	Doz., \$1.00	100, \$7.50
5 "	" .12	" 1.30	" 9.00
6 "	" .15	" 1.50	" 11.00

Square Green Tapering (Heavy):

4 feet....	Each, \$0.00	Doz., \$1.00	100, \$5.50
5 "	" .00	" 1.25	" 7.50
6 "	" .00	" 1.50	" 9.50

DAHLIA POLES, Heavy. Round green; tops painted white.

2 feet....	Each, \$0.06	Doz., \$0.60	100, \$4.50
3 "	" .08	" .90	" 6.50
4 "	" .10	" 1.10	" 8.50
5 "	" .12	" 1.35	" 10.50
6 "	" .15	" 1.65	" 12.50

GALVANIZED WIRE, for Roses, etc. Plain or Anchored. No. 9 Wire.

$2\frac{1}{2}$ feet.....	100, \$1.25	1000, \$10.00
3 "	" 1.35	" 11.00
$3\frac{1}{2}$ "	" 1.50	" 13.00
4 "	" 1.75	" 15.00
$4\frac{1}{2}$ "	" 2.00	" 17.00

PLANT STANDS. Wire Folding. Made with wire shelves with castors. 24 inches, 1 shelf, \$2.00; 2 shelves, 30 inches, \$3.00; 3 shelves, 30 inches, \$4.00.

PLANT STANDS. The Sabine adjustable, folding, Each \$3.00.

Drip Cups for the above, each 15 cts.

POTS. See Flower Pots page 69.

POT HANGERS. "Kraemers." Each 15c.; dozen \$1.50.

POTATO HOOKS. Broad flat prongs, 4-prong, 60c.; 5-prong, 75c.

POWDER DUSTER. For Slug shot. Each 35c.

POWDER GUN "Jumbo." Each 25c.

"LEGGETT'S LITTLE GIANT." Each \$6.00.

"LEGGETT'S BROWNIE." Each \$4.00.

PRUNER, Eagle Tree. 2 ft. handle. Each \$1.25; 3 ft. handle, \$1.50.

Waters' Tree. 6 ft. handle, 90c.; 8 ft. handle, \$1.00; 10 ft. handle, \$1.15; 12 ft. handle, \$1.25.

LOPPING SHEARS.

"Keen

Kutter."

Handles 21 in., \$2.00.

Handles 24 in., \$2.50.



RHODES TREE PRUNER. Cuts on both sides and does not bruise the bark. Handles 20 or 26 inches. Each \$3.00.

Little Giant. Hook and Saw Combined.

Attaches to pole of any length.

Each \$2.00.



PROTECTING CLOTH. Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.

Heavy Grade. Per yd., 16c.; by piece, per yard 15c.

Medium Grade. Per yd., 12c.; by piece, per yard 10c.

PUMP. "The Kinney." For distributing water and liquid manure through the hose at the same time. Each \$2.50.

PUMPS. (See Spray Pumps, pages 81 and 82.)

PUTTY BULB, Rubber. For glazing, \$1.25.

PUTTY, Twemlow's Old English. One-gallon cans, \$1.25.

RAFFIA. The best material for tying plants. Per lb., 25c.; 5 lbs., \$1.00. All colors, dyed. Per lb., 75c.

RAKES, GARDEN:

Best Steel, 6 teeth, 40c.; 8 teeth, 45c.; 10 teeth, 50c.; 12 teeth, 60c.; 14 teeth, 70c.; 16 teeth, 80c.; 18 teeth, 90c.

Hay, wooden, 3 bows, 12 teeth, 40 cts.

Lawn, wooden, 3 wood bows, 22 teeth, 45c.

Lawn, wooden, 3 steel bows, 22 teeth, 55c.

Ladies' Wooden Lawn, 35 cts.

Reversible, Galvanized, 24 teeth, 50 cts.

REELS, Garden. \$1.00 and \$1.25 each.

RIFLES, EMERY. For sharpening. Each 15c.

ROLLERS. See page 79.

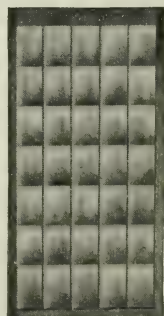
RUSTIC WORK. See page 85.

SASH, Hotbed, Extra Strong, Unglazed. Made of best cypress, regular size. 3 x 6 ft., using 6 x 8 in. glass. Each \$1.50; dozen \$16.00.

Hotbed, Glazed. (Packing extra.) Size 3 x 6 ft., using 6 x 8 in. glass. Painted two coats white. Ea. \$3.50; dozen \$40.00.

Glazed with 8 x 10 inch double thick glass. Size 3 ft. 2 in. x 6 ft. Each \$4.00; dozen \$45.00.

"Sunlight." Glazed with 8 x 10 in. double thick glass. Painted two coats, white. Each \$5.00; dozen \$55.00.



Horticultural Tools and Requisites. Continued.

HOTBED FRAMES, For Sash. For 2 sash, each \$8.00; for 3 sash, each \$9.50; for 4 sash, each \$11.50; for 5 sash, each \$13.50.



SAWS, PRUNING. Single edge, 16 in., 75c.; 18 in., 90c.; 20 in., \$1.00. Double edge, 16 in., 85c.; 18 in., \$1.00; 20 in., \$1.25.

SCISSORS, GRAPE.

Best English. 6 in., \$1.00. 7 in., \$1.25; 8 in., \$1.50.



FLOWER GATHERERS

Best quality. 6 in., \$1.25; 7 in., \$1.50; 8 in., \$1.75.



SCYTHES, Lawn. English. 30 to 40 inches. Each \$1.75 to \$2.00.

Lawn. German. 30 and 32 in. Ea. \$1.50.

Grass. American. 30 to 40 in. Each \$1.25.

Brush or Weed. 18 to 21 in. Each \$1.00.

SCYTHE-SNATHS (or handle). Each \$1.00.

SCYTHE-STONES. Round. Ea. 20c., doz. \$2.00.

SHEARS, Grass

Border, English.

8 in., \$2.25; 9 in., \$2.50; 10 in., \$3.00.



Grass or Sheep. Best trowel shank. \$1.00.

Grass, assorted sizes. Each 25c., 50c., 75c.

SHEARS, Hedge, English.

(With notch, 25c. extra.) 8 in., \$1.50; 9 in., \$1.75; 10 in., \$2.00.



Hedge, Saynor's. (With notch, 25c. extra.)

8 in., \$2.00; 9 in., \$2.50; 10 in., \$3.00.

Ridal's Patent. English, 9 in., \$3.50.

Ladies' Hedge. 5½ inches, \$1.50.

Hedge, "Neverslip." Serrated edge; self-sharpening; cannot slip. 8 in., \$1.75; 9 in., \$2.25; 10 in., \$2.50.

SHEARS, Lopping. See Pruners page 72.

SHEARS, Wiss, Hand Pruning. (Solid steel).

9 in., \$2.25; 10 in., \$2.50.

California Pattern.

9 in. long. (see cut.) Each 75c.



"Oak Leaf," 9 in. long. Each \$1.00.

Perfection Pruning.

Cuts on both sides.

6½ in. \$1.75; 7½ in., \$2.00; 8½ in., \$2.50;

9½ in., \$3.00.



Watch Spring Pruning.

7 in., \$1.75; 8 in., \$2.00; 9 in., \$2.50.



SIEVES, Wire. For sifting loam, gravel, etc., from 16 to 20 inches in diameter. Each \$1.25 and \$1.50.

SHOVELS. Best Cast Steel. Square and diamond-pointed; long or short handles. Each \$1.25 and \$1.50.



Good quality. Square or round pointed. Each \$1.00.

SILKALINE, Meyer's Green. Fast color. Per Spool 25c.

Florist's Thread. 2 oz. spools, each 15c.; dozen \$1.50.

SMILAX TWINE. Green. Per lb. 60c.

SPADES. Best Cast Steel. Long or short handles. Each \$1.25 and \$1.50.

Good quality. Each \$1.00.

SPRAYERS. See pages 81 and 82.

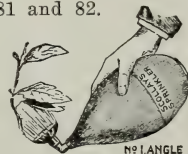
SPRINKLERS, Rubber.

Straight or angle neck.

7 oz. size, 75c.; 12 oz. size \$1.00.

Lenox. Each 50c.

Lawn. See page 80.



STAKES. See Plant Stakes and Canes.

Hyacinth. Green. 18 in. long. Dozen, 5c.; 100, 30c.

STICKS, Match. 18 in. long. Per 1000, \$1.50.

STYPTIC, Thompson's. To prevent bleeding of vines. Each \$1.25.

SULPHUR VAPORIZER, Campbell's Patent. See Fumigators page 70.



SYRINGES, Brass, Garden.

No. 2. Length 14½ in., diam. 1½ in., one spray rose and stream. Each \$4.00.

No. 3. Length 18 in., diam. 1½ in., two spray roses and one stream. Each \$5.50.

No. 4. Length 18 in., diam. 1½ in., two spray roses and one stream extra, heavy and strongly mounted. Each \$7.00.

"Abol" No. 6. With angle neck attachment. Each \$7.50.

TENNIS NETS. Single court 27 x 3 ft. Each \$1.25. Double court 36 x 3 ft., canvas bound. Each \$4.50.

TENNIS MARKER. The Eureka. For marking tennis courts. \$10.00.

THERMOMETERS.

Distance Scale, metal frame. Each 50c.

Japan, in tin case, 6 to 12 in. Each 30c. to 50c.

Boxwood. Each 75c., \$1.00 and \$1.50.

Maximum registering.

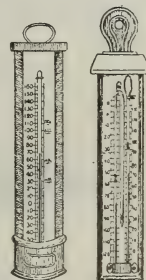
Each \$2.75.

Minimum registering.

Each \$2.75.

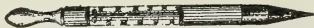
Porcelain Scale. For conservatory. Each \$1.50.

Self-registering. Japanned Case, 8 in. size. \$3.50; 10 in. size, \$3.75; 12 in. size, \$4.25.



Horticultural Tools and Requisites. Continued.

THERMOMETERS.



Mushroom Bed. Boxwood, brass tips. Each, \$2.00.

TIN FOIL. Per lb., 16c.; 100 lbs., \$15.00.
Violet or Green. Per lb., 50 cts.

TOOTH PICKS. Wired. Per 1000, 30 cts.

TORCHES, Asbestos.
Each 35c.

Handles 15c. extra.

TOMATO SUPPORTS.

Wire. Each, 20c.;
dozen, \$2.00.

Perfection. Wood.
Ea. 30c.; doz. \$3.00.

TREE CLIMBERS.

For attaching to the
legs to climb tall
trees. Per pr. \$3.00.

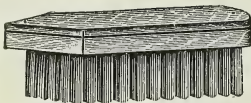
TREE GUARDS. Very
strong, steel wire,
with three iron sup-
ports. Each \$2.00.

TREE SCRAPERS.
Large iron with han-
dle. Each 75c.

TREE

BRUSHES.

For removing
parasitic growths
and insects from
trees and clean-
ing greenhouse benches, floors and woodwork.



No. 150. The best tree brush for all pur-
poses. Each \$2.50.

No. 160. For big trees. Handle 24 in. long.
Each \$2.00.

No. 161. Made to fasten to handle for
cleaning old trees. Each \$2.50.

No. 161 A. For cleaning trees. Handle 16
inches long. Each \$1.50.

No. 162. With handle 7 in. long for clean-
ing branches and trees. Each \$2.00.

TROWELS. Steel. 6

in., 45c.; 7 in.,

50c.; 8 in., 55c.

Cast Steel. Each 25c.

Cleve's Angle. Large size. Each 25c.

Primrose. Iron. Each 10c.

TUBS. Plant. See page 84.

TURFING IRONS. English. Each \$4.00.

TWINE, Green Smilax. Per lb., 60 cts.

Marline. (Tarred Twine.) Per lb., 25 cts.

Hemp. All sizes. Per lb., 30 cts. to 40 cts.

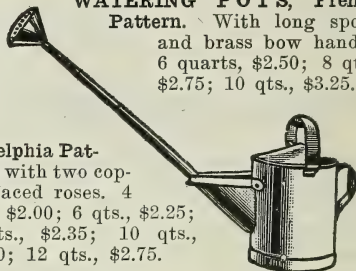
Jute. Three or four-ply, for trees. Per
lb., 25 cts.



WHEELBARROWS, Garden. Medium size
No. 4. Each, \$4.00. Large size No. 5.
Each, \$4.50.

WATERING POTS, French

Pattern. With long spout
and brass bow handle.
6 quarts, \$2.50; 8 qts.,
\$2.75; 10 qts., \$3.25.



Philadelphia Pat-

tern, with two cop-
per-faced roses. 4
qts., \$2.00; 6 qts., \$2.25;
8 qts., \$2.35; 10 qts.,
\$2.50; 12 qts., \$2.75.

Extra Roses. Fine or coarse. Each, 35 cts.

Galvanized Iron. Strong and durable. 6 qts.,
75c.; 8 qts., 90c.; 10 qts., \$1.10; 12 qts.,
\$1.35; 16 qts., \$1.50.

Galvanized. "Roco" Wood Grip. 4 qts., 50c.;
8 qts., 70c.; 10 qts., 90c.

WATER TRUCK AND

BARREL. Barrel can
be detached from truck
without difficulty, or
tilted to empty con-
tents. Either barrel, leaf
rack and box can be used.



TRUCK AND HAND CART BOX.

With 1 1/4 in. tires, \$10.50

" 3 " " 11.50

TRUCK AND WATER BARREL.

With 1 1/4 in. tires, \$10.00

" 3 " " 11.00



TRUCK AND LEAF RACK.

With 1 1/4 in. tires.....\$13.25

" 3 " " 14.25

TRUCK, BARREL, LEAF RACK and CART.

Complete with 1 1/4 in. tires.....\$21.50

" " 3 " " 23.00

ADDITIONAL ATTACHMENTS.

Box for Hand Cart. \$4.00.

Leaf Rack for Truck. \$6.00.

Sprinkling Attachment. \$4.50.

Extra Barrels with Trunnions. \$3.50.

WEEDERS. "Excelsior." Each, 10 cts.

"Cleveland." Can be used easily and with-
out stooping.

Each, 70 cts.

"Adjustable,"

Three Prong.

See cut.

Each, 35 cts.



Daisy Grubber. English. Each \$1.00.

Dandelion Puller. Short handle, 60 cts.

Long handle, 70 cts.

"Eureka." Very use-
ful for garden pur-
poses. Each, 35 cts.

Thistle Spud. English. Each 50 cts.

Lawn. For removing docks, dandelion, etc.,
can also be used as an asparagus knife. 35c.

WIRE, Annealed, for Stemming. 12 in. lengths.

No. 23. Coarse, per lb.....\$0.20

No. 26. Coarse, per lb......25

No. 34. Fine Hair, per lb......30

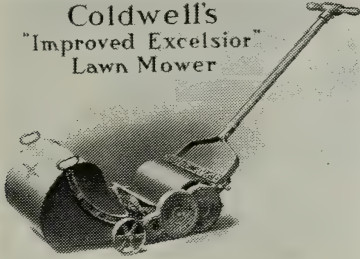


COLDWELL'S LAWN MOWERS.

IMPROVED EXCELSIOR MOWER.

This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.

Coldwell's
"Improved Excelsior"
Lawn Mower



Net Price, 12 in., 4 blades...	\$11.00;	6 blades...	\$12.00
" " 14 " 4 " ...	12.50;	6 " ...	13.50
" " 16 " 4 " ...	13.50;	6 " ...	14.50
" " 18 " 4 " ...	15.00;	6 " ...	16.50

CHAIN ROLLER GOLF MOWER.

Net Price, 12 in., 4 blades...	\$10.50;	6 blades...	\$11.50
" " 14 " 4 " ...	12.00;	6 " ...	13.00
" " 16 " 4 " ...	13.00;	6 " ...	14.00
" " 18 " 4 " ...	15.00;	6 " ...	16.00

IMPERIAL HIGH WHEEL MOWER.

The Imperial is one of our best Mowers. It can be sharpened in a few minutes without removing any of its parts. We positively guarantee this Mower to give entire satisfaction.

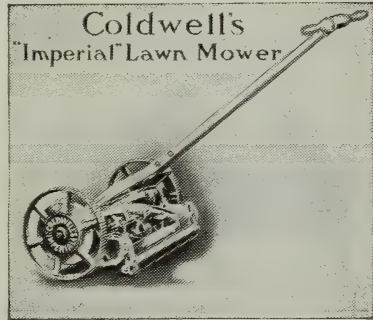
Net Price, 14 in., 4 blades...	\$ 9.00;	5 blades...	\$ 9.50
" " 16 " 4 " ...	10.00;	5 " ...	10.50
" " 18 " 4 " ...	11.00;	5 " ...	11.50
" " 20 " 4 " ...	13.00;	5 " ...	13.50

"THE GRAND" BALL-BEARING LAWN MOWER.

The "Grand" is the best Ball-Bearing Mower on the market. It has 10-inch drive wheels; five blades in the revolving cutter, which is of large diameter, thus enabling it to cut high grass. The adjustment of this machine is accomplished by means of a single screw conveniently located in the end of revolving cutter. This one screw does it all.

Net Price, 14 inches.....	\$ 9.00
" " 16 "	10.00

Net Price, 18 inches.....	\$11.00
" " 20 "	12.00



The Cadet
Lawn Mower



"THE REGAL" BALL-BEARING LAWN MOWER.

The drive wheels of the "Regal" are locked fast to the opposite ends of a steel shaft which is supported near its ends by ball bearings. The ball bearings are fitted with adjustable cones, by means of which the wheels can always be made to run true, no matter how much the machine is worn.

Net Prices: 14 in., \$10.50; 16 in., \$11.50;
18 in., \$12.50; 20 in., \$13.50.

GRASS CATCHERS.

Net Prices: 12 in., \$1.50; 14 in., \$1.60; 16 in., \$1.85;
18 in., \$2.00; 20 in., \$2.15.

THE "CADET" LAWN MOWER.

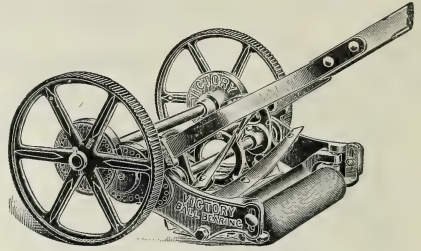
This mower is made by the Coldwell Lawn Mower Co. for the benefit of those who want a cheap mower, and those who have but a little grass to cut. It is a very strong and durable machine, and will be found far superior to the mower usually sold in "department stores" at the same prices.

Prices, Net: 12 in., \$3.50; 14 in., \$3.75; 16 in., \$4.00.

"VICTORY" BALL-BEARING LAWN MOWER.

This mower is fitted with **Ball-Bearing**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

Net Prices:			
14 inches.....	\$10.50	20 inches.....	\$13.50
16 "	11.50	22 "	14.50
18 "	12.50	24 "	15.50



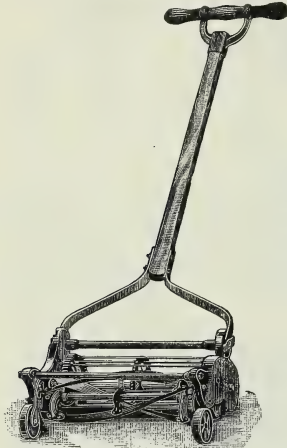
"EASY" BORDER LAWN MOWER.

The only Mower made that will cut Borders, Mounds, Terraces, close to Walls and Fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self adjusting ball bearings with detachable handle.

Net Prices:

10 inches.....	\$7.50	16 inches.....	\$10.75
12 "	8.50	18 "	12.00
14 "	9.50	20 "	13.50



"Easy" Lawn Mower.

PENNSYLVANIA LAWN MOWERS.

Low wheel, 8-inch diameter.

12 inches, 3 blades....	\$ 9.50	16 inches, 4 blades....	\$11.50
14 " 4 "	10.50	18 " 4 "	13.00

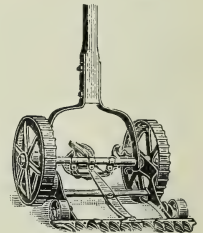
High wheel, 10½-inch diameter.

15 inches, 4 blades....	\$14.00	19 inches, 4 blades....	\$16.00
17 " 4 "	15.00	21 " 4 "	17.00

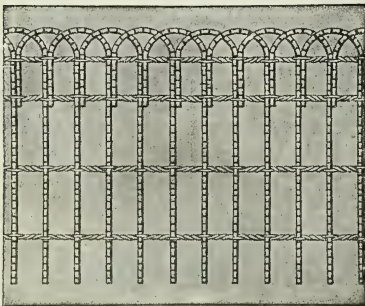
THE "CLIPPER" MOWER.

The cut shows a perspective view of the "Clipper" Mower. In the first place you will observe that the cutter bar is directly in front of the wheels. The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other Lawn Mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass. The knives can be sharpened in the machine with a small file or whetstone, or can be taken out and ground; but they must never be sharpened anywhere except on the beveled side of the knives.

Net Prices: 15 in. \$8.00; 18 in. \$8.50; 24 in. \$9.00.



Clipper Mower.



Flower Guard.

GARLAND FLOWER GUARD.

This guard is made from No. 9 and 12 wire, galvanized after weaving. Made to stand 12 and 18 inches above the ground after being set in place. The end pickets extend 4 inches below the lower cable to set in the ground.

16 inches wide, per foot.....	\$0.11
22 " " " " .....	.12

Rolls of 165 ft., 16 in., 10 cts. per foot;
22 inches 11 cts. per foot.

LAWN MOWER PARTS.

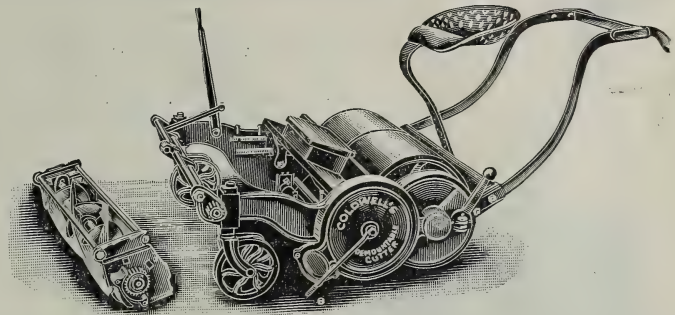
We can supply parts of any of the Mowers we list at reasonable prices. When ordering give the number of the part and name of machine or send the broken part.

COLDWELL'S DEMOUNTABLE HORSE LAWN MOWER.

The Demountable Cutter Unit Horse Mower is constructed upon an entirely new principle and is a wide departure from anything of the kind ever made. The cutter section, which is the vital part of a lawn mower, is made into a unit and is independent and removable from the main frame of the mower. This unit consists of a simple frame containing the revolving cutter, the bottom or stationary knife and parts necessary for adjusting the same to each other. It is attached to the main frame of the mower by four locking screws and can be attached or removed in less than a minute.

This unit, being the cutter section of the mower, is the only part necessary to send in to the factory for sharpening or adjusting.

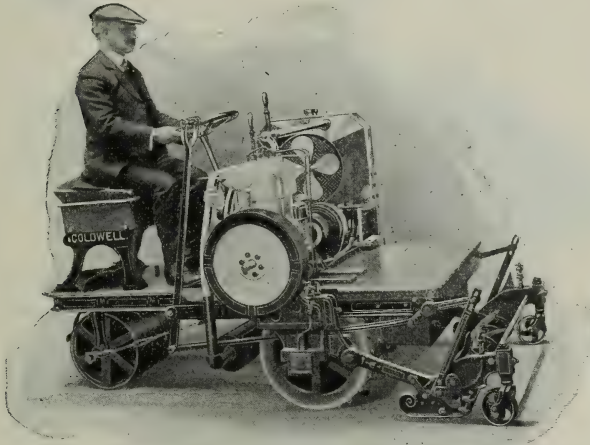
Net Price, 30 in., \$100.00; 35 in., \$125.00; 40 in., \$150.00. These prices include an extra cutting unit.

**COLDWELL'S IMPROVED HORSE LAWN MOWER.**

It has side draft attachment to enable the horse to walk on the cut grass only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purposes of raising the knives from the ground when driving over gravel walks or roads.

Net Prices:

30 in., 4 blades.....	\$65.00
30 " 6 "	71.00
35 " 4 "	80.00
35 " 6 "	86.00
40 " 4 "	95.00
40 " 6 "	101.00

**THE COLDWELL MOTOR LAWN MOWER.**

Weight, 2,000 lbs. Equipped with 2-cylinder, 4-cycle, latest improved automobile motor. Consumes three-fourths of a gallon of gasoline per hour; cuts 40-inch swath. Guaranteed to negotiate 25 per cent. grades. Cutting part can be lifted from the ground by means of a single lever.

Style D, \$1300.00 Net F. O. B. Factory, Newburgh, N. Y.

THE TOWNSEND HORSE LAWN MOWER.

The most perfectly constructed Horse Lawn Mower on the market. Triple rolls with triple pawls in each roll. Unlike other mowers, the motion of the blades is maintained even when turning sharp corners. The height of cut and motion of knives is under perfect control of the driver from his seat, and the large rolls (15 inches in diameter) insure great power and ease of movement.

Pony Mower, 25-inch cut.....Net, \$50.00
Horse " 30 " " " 68.00

Horse Mower, 35 inch cut.....Net, \$80.00
" " 38 " " " 90.00

HORSE BOOTS.

Made of heavy leather, preventing injury to the sward by the horse's feet.

Price, set of four, medium size, \$9.00; large, \$10.00.

THE "VELVETLAWN" SEEDER.

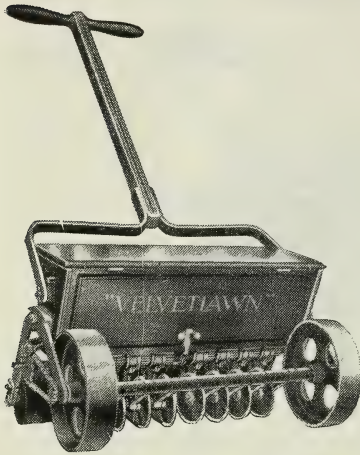
An excellent New Machine for Seeding Old or New Lawns.

Puts Seed in old sod or new ground securely.
Covers and rolls same.

Points why this Machine is without a Competitor.

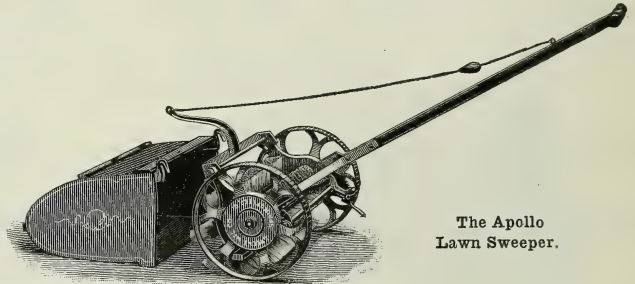
Will sow, cover and roll seed to any desired depth in a strip 16 in. wide, as fast as a man can walk. Cutting action of the discs relieves old sod of root-bound condition. The discs cultivate the grass roots. Each disc automatically conforms to inequalities in the soil. The operator can drill any amount of seed desired. The "Velvetlawn" Grass Seeder puts the seed in the ground, not on top. Birds, wind and rain will have no ill effect when the seed is drilled into the soil. Every feed is a force feed, every feed sows the same amount. Each seed trench contains an equal quantity. "Velvetlawn" Grass Seeders are equipped with adjustable handle, thus assuring ease of operation for any height of man. The discs do not tear the soil, they cut it. All the seed being planted at an even depth in the soil, the plants must all come up at the same time, and make uniform growth. This Seeder is also adapted for sowing or drilling carrots, lettuce, onions or radishes.

Price, F. O. B. New York, \$18.00.

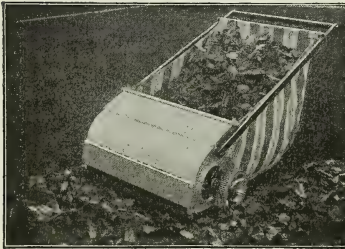
**"THE APOLLO" LAWN SWEEPER.**

The machine consists of a revolving brush which throws the sweepings forward in the large grass box, which, when full, is dumped by merely pulling a cord. It removes all cut grass, leaves, twigs, and by setting it low it is excellent for taking out crab grass.

Price, \$16.00.



The Apollo
Lawn Sweeper.



The Gem Lawn Cleaner.

PENNSYLVANIA GEM LAWN CLEANER.

A revolving fan with metal teeth creates an air current which carries into the canvas baskets all leaves, dead grass, stones, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by the lawn mower. It combines strength and durability with light construction. 24 inches wide.

Price.....\$17.00

THE "GLENER" LAWN TRIMMER.

Useful for trimming round trees, fences or terraces. Fitted with 9-inch wheel, width of cut 8 inches, ball bearings. Each, \$6.50.

"UTICA" LAWN TRIMMER.

Cuts every blade of grass left by a lawn mower close to fences, trees, flower beds, etc. Knives keen edged with a five-inch cut. Can be used with one hand and does better work in one third the time it would take with shears or grass hooks. Price, \$3.50

GARDEN HOSE.

We have arranged with a leading maker to manufacture a special hose for garden and greenhouse work which is non-kinkable and will stand the highest pressure. We are offering this hose as the Marshall Hose under which brand it will be known. Sample mailed on request. Marshall Hose, $\frac{3}{4}$ in., per foot 18 cts. In 25 and 50 feet lengths only, coupled.



Old style Hose.



Marshall Hose.

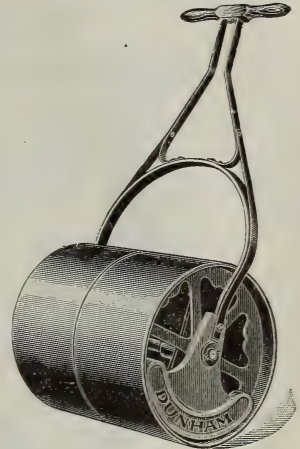


Utica Lawn Trimmer.

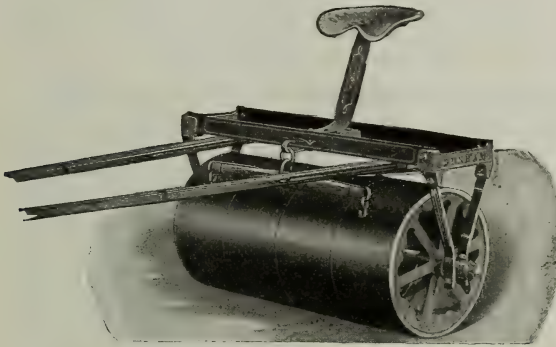
GOLD MEDAL ROLLER BEARING LAWN ROLLER.

These Rollers are smooth on face and rounded on outer edge to avoid cutting the lawn. Roller Bearings make them 40% easier to operate than the old style Roller. Write for descriptive circular.

No.	Diameter	Length	Weight	Price
No. 402.	15 inches	24 inches in 3 sections	200 lbs.	\$11.50
" 404.	20 "	20 " " 2 "	250 "	13.50
" 407.	20 "	24 " " 3 "	300 "	16.00
" 409.	24 "	20 " " 2 "	400 "	19.50
" 411.	24 "	24 " " 3 "	450 "	23.00
" 412.	24 "	30 " " 3 "	500 "	25.00

**WATER BALLAST ROLLER FOR LAWNS.**

With a Water Ballast Roller, one can secure any weight desired, by simply removing a cap and filling with as much water or sand as may be required. The steel drum is 24 inches in diameter, and 24 inches in width. It weighs 115 lbs. empty, 470 lbs. filled with water and 770 lbs. with sand. Price, \$18.00.

**GOLD MEDAL HORSE LAWN AND GOLF GROUND ROLLERS.**

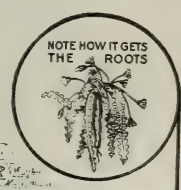
All steel frame and brackets, axle lathe turned heavy machine steel. Rollers smooth face, aluminum finished and outer edges rounded.

No.	Seets.	Diam.	Width	Weight lbs.	Price
440.	3	24 in.	30 in.	650	\$43.00
441.	4	24 "	40 "	800	52.00
442.	5	24 "	50 "	950	61.00
443.	3	28 "	30 "	800	52.00
444.	4	28 "	40 "	1000	64.00
445.	5	28 "	50 "	1200	76.00

DANDELION PULLER.

This Dandelion Puller pulls the dandelion roots and all without marring or digging up lawns. It is the easiest way to clear lawns of dandelions and other weeds.

Price, long or short handles, 65 cts. each.



Dandelion Puller.

**CLEVELAND LAWN WEEDER.**

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. Price, 70 cts. each.

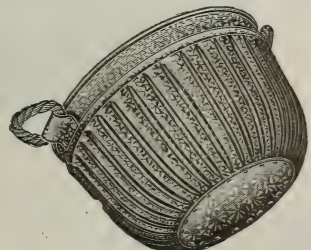
GALVANIZED BASKETS.

This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

Useful for vegetables, rubbish and all kinds of garden or farm work.

Prices:

No. 0.	¾ bushel	.....	\$1.50	each
" 1.	1 "	.....	1.75	"
" 2.	2 "	.....	2.25	"



LAWN SPRINKLERS.

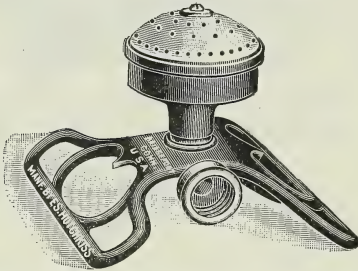
PECK'S IMPROVED.

Standard, 4 feet high, surmounted with long arms, which revolve, thus distributing the water in a fine shower over an area of 60 feet. Four arm Sprinkler, \$4.50; Eight-arm Sprinkler, \$5.00 each.

HOTCHKISS No. 10.

Very neat and compact. Brass removable spray cover with spur. Each, 60 cents.

HOTCHKISS No. 20.

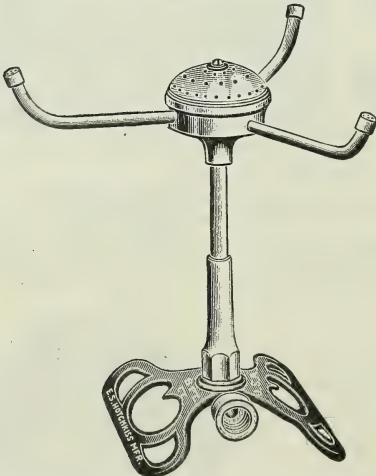


Same as the Hotchkiss Combination, but has no arms. Neat and compact; gives a beautiful mist-like spray, covering 40 feet. Price, \$1.25 each.

HOTCHKISS No. 55.

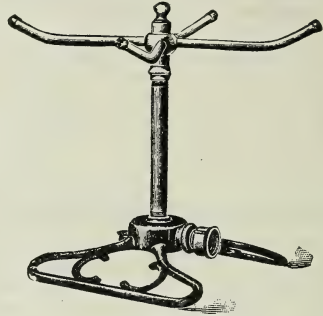
Three revolving arms with base, similar to No. 65, without spray cover. Each, \$1.50.

HOTCHKISS No. 65.



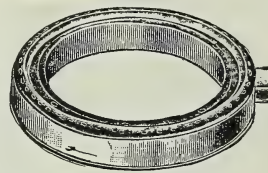
An elegant combination sprinkler, has large oval spray cover in addition to the three revolving arms. Very attractive and satisfactory. Price, \$2.00 each.

CALIFORNIA SPRINKLER.



This is the most popular sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price, \$1.50 each.

BRASS FOUNTAIN SPRINKLER.



Very simple in construction.

Cannot rust or get out of order. Will not injure the lawn. Requires only ordinary pressure of water. Price, 75 cts. each.

TWIN COMET.

The three upper arms revolve rapidly, sprinkling meanwhile, and carrying around a slowly revolving nozzle, which sprinkles the ground for a great distance. Height, 17 in. Each, \$5.00.

"WATER WITCH."

With spur to stick in the ground, 75 cts. each; with stand, \$1.25 each.

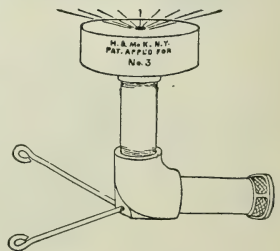
LAWN TWIN.

A neat sprinkler for lawns, making a fine spray. Each, 50 cts.

LAWN SHOWER.

Will throw an even gentle spray over 25 feet in diameter at a water pressure of about 40 pounds, the nozzle may be directly connected to hose for washing sidewalks. Suggested for concrete mixing and general fire protection. It makes an attractive fountain display.

Holder and Nozzle complete in box, \$2.00.



SPRAYERS AND SPRAY PUMPS.

"POMONA" BARREL SPRAY PUMP.

Very Powerful and Large Capacity—All Working Parts Bronze.

The best Orchard Barrel Sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

Pump with Agitator and Hose Coupling.....	\$15.00
Outfit C. Pump with Agitator, one lead 15 ft., Discharge Hose and Nozzle	18.75
Outfit D. Pump with Agitator, two leads, Hose and two Spray Nozzles	22.00



"POMONA" BARREL SPRAY PUMP

"FRUITALL" BARREL SPRAY PUMP.

The "Fruitall" is lighter in weight and smaller in capacity than our "Pomona," the cylinder being only 2 inches in diameter. All working parts are of bronze, including plunger, gland, valves, valve seats and strainer.

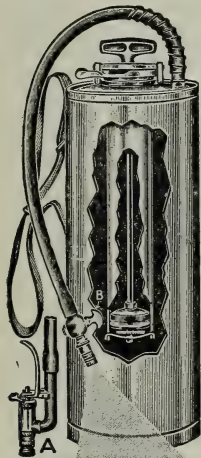
Outfit C. Sprayer with Agitator and one lead 15 ft. ½ in. Discharge Hose, with Mistry or Mistry Jr. Nozzle.....	\$13.75
Outfit D. Sprayer with Agitator and two leads 15 ft. each ½ in. Discharge Hose, with Mistry or Mistry Jr. Spray Nozzle.....	17.00
Barrel furnished for above.....	\$4.00
Bamboo Extension, 10 feet long.....	4.00

AUTO-SPRAY PUMP.

No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs, and vines, greenhouses, poultry houses, hospitals, and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any bucket or knapsack sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power sprayers, need the "Auto Spray" No. 1 for small work.

No. 1 A. Brass Tank, with Stop-Cock.....	\$6.75
No. 1 B. Brass Tank, with "Auto-Pop".....	7.25
No. 1 C. Galvanized Tank, with Stop-Cock.....	4.50
No. 1 D. Galvanized Tank, with "Auto-Pop".....	5.00
"Auto-Pop" Nozzle	1.25
Extension Pipe, Brass, 2 ft. lengths, each.....	.50
Brass Strainer	1.00

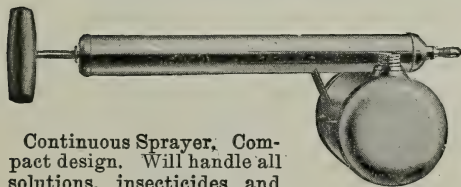


PATENTED.

"SUCCESS" KNAPSACK SPRAYER.

This Sprayer is undoubtedly the best and most improved on the market. The tank holds 5 gallons and is made of copper throughout. Pump is fitted with bronze valves and mechanical agitator. The attachment A is used for underspraying. Price, \$15.00.

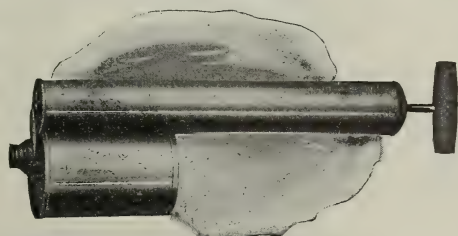
THE AUTO-SPRAY No. 37.



Continuous Sprayer. Compact design. Will handle all solutions, insecticides and disinfectants. The entire front may be removed, permitting the syphon tube to be withdrawn should it become clogged. Brass ball valves. Two spray caps, one straight, and the other at an angle for reaching the under side of broad leaves. Will spray with tank at any angle. Solution does not come in contact with pump cylinder.

Auto-Spray No. 37-B. Galv. reservoir...	\$1.00
Auto-Spray No. 37-C. Brass reservoir...	1.25

THE AUTO-SPRAY No. 21.



Tin Sprayer. Capacity about 1 qt. Made from heavy material. Copper syphon tube. Pump cylinder extra large 2 in. diameter.

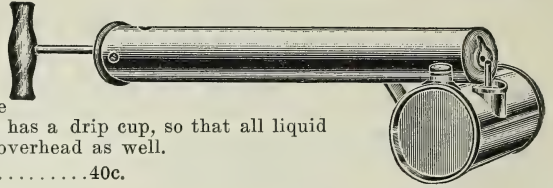
Net Cash Price.

Auto-Spray No. 21-A. All tin.....	50c.
Auto-Spray No. 21-B. Brass reservoir....	75c.

THE LITTLE WONDER SPRAYER.

This Sprayer is gotten up to fill the want of a small sprayer for house use. It has a drip cup, so that all liquid dropping goes back in can. With spray overhead as well.

Each.....40c.



LENOX SPRAYER.

For spraying plants indoors and out the Lenox Sprayer is one of the most serviceable devices. It substitutes a misty shower that supplies the plant most naturally and completely, which is necessary to real success with house plants. As a sprayer for using insecticides it is invaluable, ejecting a misty spray and reaching under the leaves where insects thrive.

Price, 50c. each. By Mail, 55c. postpaid.

Extra Rubbers, 20c. each.



Lenox Sprayer.

BRASS BUCKET SPRAYERS.

Meyer's Bucket Brass Spray Pump.

Easily operated, throws a solid stream of 50 feet. It is provided with a combination nozzle and also with a sprinkler for flowers. Price, \$4.00.

Brass Bucket Pump.

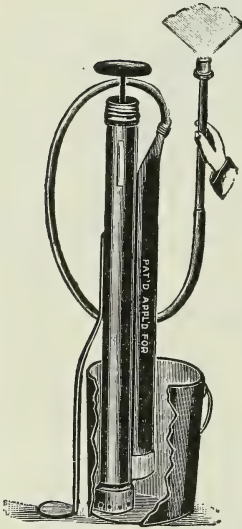
This Spray Pump is especially designed for spraying in gardens and greenhouses. The pump is double-acting in effect, has gutta percha ball valves. Foot piece is malleable iron. The pump end of discharge hose is wire wound.

Price.....\$5.00

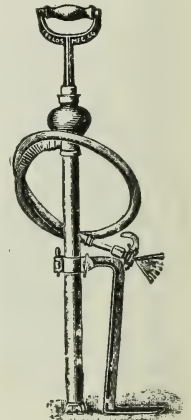
LIGHTNING WHITEWASH SPRAYER AND FORCE PUMP.

Made with heavy galvanized iron. Furnished with brass tops and bottoms, three feet of heavy cloth lined hose, with one foot brass rod and brass nozzle. The pump can be used for spraying trees, as well as whitewashing. It will throw a continuous stream 30 feet high.

Price.....\$2.75



Whitewash Pump.

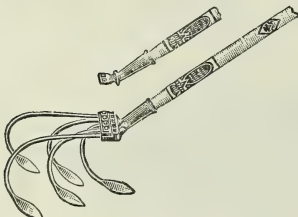


Bucket Pump.

ADJUSTABLE GARDEN CULTIVATOR.

The most useful hand garden tool on the market.

It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed, and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 pounds complete, with long handle. The blades are forged out of a solid steel rod. Price, \$1.25.



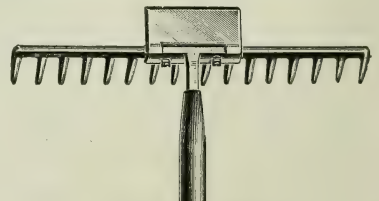
Adjustable Garden Cultivator.

HOE-RAKE ATTACHMENT.

This attachment can be fastened to any size Steel Rake and used as a hoe on the back of the rake.

When raking drives or walks often weeds are found, and by simply turning the rake over the Hoe attachment can be used to great advantage in destroying them.

Each, 25 cents.



Hoe-Rake Attachment.

"PLANET JR." CULTIVATORS and DRILLS

Space will not permit illustrating and describing all of the "Planet Jr." Tools, but we will gladly send fully illustrated catalogue free for the asking to any address. Remember, "Planet Jr." machines are the recognized standards throughout the world, and are guaranteed by the manufacturers.

SINGLE WHEEL HOE.

- No. 16. With plow, 2 hoes, 3 cultivator teeth, 2 rakes and leaf-lifter, \$5.85.
 No. 17. With plow, 2 hoes and 3 cultivator teeth, \$5.00.
 No. 17½. With 2 hoes, 3 cultivator teeth, and leaf-lifter, \$4.50.
 No. 18. With hoes only, \$3.50.

DOUBLE WHEEL HOE.

It is changed and adjusted with marvelous quickness. The wheels can be set to four different widths and the frame at three heights.

- No. 11. Wheel Hoe, with 8 pairs of tools as shown in above cut, \$9.00.
 No. 12. With plows, hoes, wide and narrow cultivator teeth and leaf-lifter, \$7.00.
 No. 13. With hoes only, \$4.75

COMBINED SEEDER AND WHEEL HOE.

- No. 4. The drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the "Planet Jr." Single Wheel Hoes. This gives you the "whole business" in one tool. Price, \$11.00.

SEED DRILL.

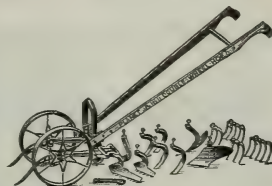
- No. 2. Sows the seed at a uniform depth and in a very narrow line, making easy and rapid work for the Wheel Hoe in cultivating. Price, \$7.50.

"FIREFLY" PLOW.

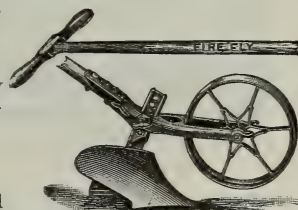
Invaluable for use in small gardens. Moldboard of tempered and polished steel. The depth is easily and quickly changed. Price, \$2.35.



"Planet Jr." No. 16.



"Planet Jr." No. 11.



Firefly Plow.

"IRON AGE" SEED DRILLS AND CULTIVATORS.

No. 1 Double Wheel Hoe, Cultivator, Plow and Rake.

An extra axle is supplied so that the machine can easily be changed from a Double to a Single Wheel.

- No. 1. Complete\$7.00
 " 3. Plain (one pair Hoes only).... 4.25

No. 6 Combined Wheel Hoe, Hill and Drill Seeder.

- No. 6. Complete\$12.00
 " 4. Combined Wheel Hoe and Drill Seeder 11.00

No. 9 Single Wheel Hoe.

- No. 9. Complete\$5.25
 " 10. Plain (Hoes only) 3.25
 Weeder AttachmentEach .80

No. 18 Drill Seeder.

- No. 18. Drill Seeder\$ 7.50
 " 17. Drill Seeder and combined Wheel Hoe 10.00

No. 20 Single Wheel Hoe.

- No. 20. Complete\$6.00
 " 21. Plain (Hoes only) 4.00

HALL E. Z. GARDEN CULTIVATORS.

- No. 1. A combination tool for all kinds of garden work. Consisting of rake, weeder, diamond point, cultivator and plow. Has 16 inch wheel and patent spring device between the handle and tool. Complete with 5 tools, \$4.00.

- No. 2. Similar to the above but has two tool holders so two different tools can be used without changing. Complete \$5.00.

SMOOTHING AND LEVELING HARROW.

With this tool every field can be made as smooth as a floor and the soil pulverized fine enough for a flower bed—makes a most perfect onion bed.

This harrow is also a great road maker. One-man, with team, can make a perfect trotting track of any road. It is adjustable with a lever, by which the entire action is controlled by the driver, and he can remove at will all the earth possible for the team to haul, taking it from hills or uneven places and putting it into hollows to level up the field.

One-horse, 6 ft., \$14.50; two-horse, 8 ft., \$16.50.

GARDENER'S HARROW.

Designed for one horse, convenient to handle and get around garden plots, etc.

25 Teeth, with Runners.....\$7.00 30 Teeth, with Runners.....\$8.00

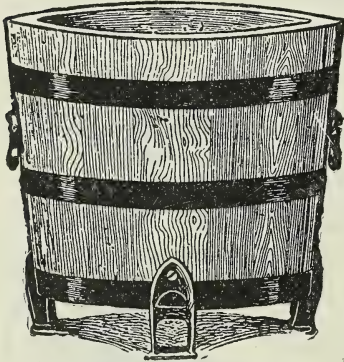
"STEVENS" FERTILIZER DISTRIBUTOR.

This machine in addition to plaster will sow Bonedust, Ashes, Lime, and all fine fertilizers. It broadcasts evenly any quantity desired from 200 pounds to 4,000 pounds per acre. The adjustment is perfect, simple and strong. Combined Pole and Shafts, Neck Yoke and Whiffletrees furnished with each machine.

Machine to sow to a width of 8 ft. 3 in.....\$55.00

Machine to sow to a width of 5 ft. 10 in.....47.00

Hand Fertilizer Distributor, 34 inches wide.....15.00



Union Plant Tub.

HAND CORN PLANTERS.

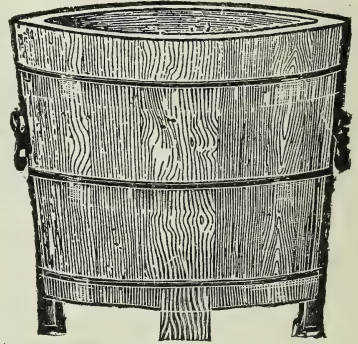
"SEGMENT"

Is light, strong, accurate and withal the cheapest and most up-to-date Planter on the market.

Price, \$1.50.

TUB-LIFTER "THE DOWLEN."

The best machine on the market for lifting heavy tubs, and invented by a practical man. \$5.00 per pair.



Toledo Plant Tub.

UNION PLANT TUBS.

Union Plant Tubs are made from everlasting red cedar. The merits of the tub are commensurate with the demand for an article that is light, attractive and durable. Painted green. Castings japanned. Feet and bolts packed inside of tubs to facilitate nesting for shipping.

No.	Outside Top Diam.	Depth	Price
1	11½ inches	11½ inches	\$1.10
2	13½ "	11¼ "	1.35
3	14¾ "	14 "	1.75
4	16 "	15 "	2.15
5	19 "	18 "	3.25
6	22 "	19½ "	4.00
7	25 "	22 "	6.00

CEDAR TREE TUBS.

Very heavy cedar. Painted green in regular stock. Any color desired to order.

No.	Diameter Top Outside	Height Outside	Price
1	28 inches	22 inches	\$5.50
2	26 "	20 "	5.00
3	24 "	18½ "	4.60
4	22 "	17 "	4.00
5	20 "	16 "	3.50
6	18½ "	15 "	3.00
7	16½ "	14 "	2.50
8	15½ "	13 "	2.25
9	14 "	12 "	2.00

TOLEDO PLANT TUBS.

Has galvanized electric welded wire hoops. It is very essential that plant tubs be provided with feet, so as to keep the damp tub from resting on the floor or carpet, and to prevent rot and decay. Tub made of the everlasting red cedar, painted green.

No.	Outside Top Diam.	Depth	Price
1	11½ inches	11½ inches	\$1.00
2	13½ "	11¼ "	1.25
3	14¾ "	14 "	1.65
4	16 "	15 "	2.00
5	19 "	18 "	3.00
6	22 "	19½ "	3.75
7	25 "	22 "	5.00
8	26 "	23¾ "	6.00

POST HOLE DIGGER.



The blades are 9 inches long, and the handles 5 feet long. Price, \$1.00.

WINE AND FRUIT MILL.

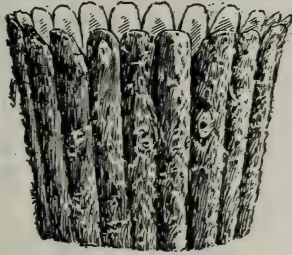
For grinding and pressing grapes and other kindred fruit, also apples when not too large.

No. 0.....\$10.00 No. 1.....\$12.00

RUSTIC CHAIRS, VASES, ETC.



Bird House.



Rustic Stump Tub.



Rustic Vase.



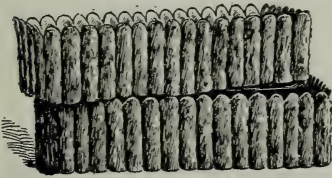
Hanging Basket.

RUSTIC BIRD HOUSE. Very ornamental.

Each, \$1.25, \$1.75, \$2.75 and \$3.25.

RUSTIC STUMP TUB. Adapted for tree stumps, terraces or porches. Each, 17-in. tub, \$2.00.

RUSTIC GARDEN VASES. Made of red cedar, unpeeled. Very ornamental, for Lawns when filled with plants. Each, 12-inch tub, \$4.00; 16-inch tub, \$5.00.



Rustic Window Box.

RUSTIC CEDAR CHAIRS. Strong, durable and ornamental. Each, \$6.00. Extra heavy, \$8.00.

RUSTIC CEDAR CHAIRS. Made from Laurel Roots, elegantly finished and rattan handle. These baskets cannot be equaled in style, finish or make. They will stand severe weather, and with a little care are good for 10 or 12 years' wear.

Each, 10-inch, \$1.35; 12-inch, \$1.50; 13-inch, \$1.75; 14-inch, \$2.00.

RUSTIC WINDOW BOX. Made of Chestnut, unpeeled. Extra strong and durable. Outside measurement 22 inches, \$1.10; 28 inches, \$1.25; 32 inches, \$1.50; 36 inches, \$1.65 each.

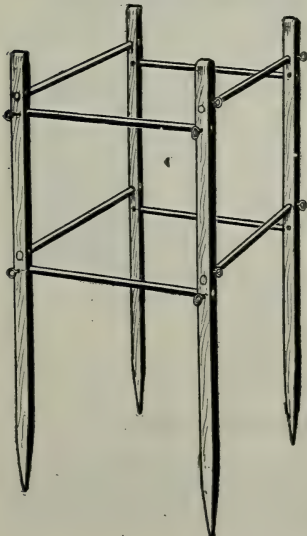
RUSTIC PORCH BOXES. 18 inches square. Each, \$1.10.

RUSTIC CEDAR SETTEES. Made strong and ornamental. Each, light, \$9.00. Extra heavy, \$11.00.

RUSTIC CEDAR TABLES. Round. Adapted for Summer Houses or Lawns. 30 inches diameter. Plain top, each \$6.00. Cedar top, \$8.00.

We shall be pleased to give prices for Rustic Summer Houses, Bridges or other work upon application.

PERFECTION TOMATO SUPPORT.

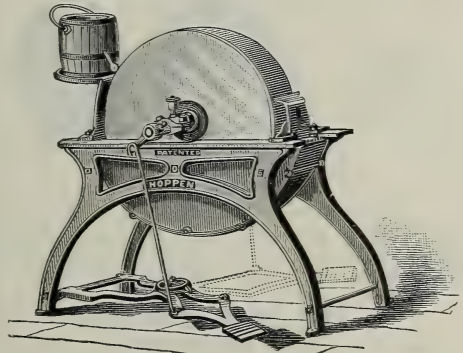


This is the most practicable support on the market. It is made of wood and will not burn the vines in hot weather, or cut them off when swayed by the wind.

The height is 36 inches and width 16 inches. It can be unfolded after use without damage and stored away for the following season.

Each, 30 cts.; dozen, \$3.00.

THE HOPPEN GRINDSTONE.



The frame is all iron and is very rigid. Every private estate should have one of these Grindstones on hand.

No. 0. Stone 24x2½ inches, complete, \$18.50

No. 1. Stone 24x3 inches, complete, 19.50

No. 2. Stone 27x3½ inches, complete, 34.00

POULTRY SUPPLIES AND FOODS

POULTRY FOODS.

Special Chick Food. A safe food for young chicks. 5 lbs., 20c.; 10 lbs., 35c.; 100 lbs., \$2.75.

Special Scratch Food A fine mixture of clean grain for egg producing and keeping the flock in a healthy condition. 10 lbs., 30 cts.; 50 lbs., \$1.35; 100 lbs., \$2.50.

Swift's High Protein Beef Scraps. Endorsed by all poultrymen for their high quality. 10 lbs., 40 cts.; 50 lbs., \$1.75; 100 lbs., \$3.25.

Crushed Oyster Shell. 10 lbs., 15 cts.; 100 lbs., 75 cts.

Grit. 10 lbs., 15 cts.; 100 lbs., 75 cts.

Broken Rice for young chicks. 100 lbs., \$4.00.

Sunflower. 5 lbs., 40 cts.; 50 lbs., \$3.50; 100 lbs., \$6.00.

Charcoal. Granulated. 10 lbs., 30 cts.; 100 lbs., \$2.50.

Bone Meal. Used in Mash Food and for young chicks. 100 lbs., \$2.50.

Bone, Granulated. As an egg producer this has no equal. 10 lbs., 35 cts.; 100 lbs., \$3.00.

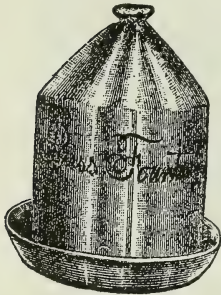
Alfalfa, Cut. 100 lbs., \$2.50.

POULTRY FOUNTAINS.

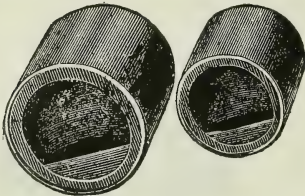
The RUSS

Drinking Fountain

This Fountain is the only kind made in this form — two sections — in earthenware. They can be easily cleaned; and, if frozen, can be re-filled without trouble. They keep the water always fresh and cool. Each, 1 quart 25c.; ½ gallon 35c.; 1 gallon 50c.



**Crock's
Drinking
Fountain.**



This stoneware fountain is nicely finished with black glazed ware. They are easily filled and never tip over or get out of order. One gallon, size, 35c.; half gall. size, 25c.

The Gem Drinking Fountain.

This fountain is made of the best galvanized iron, will not rust through, and will last a lifetime. Quick and easy to fill and convenient to carry, having a strong handle to carry by. Can be set on the floor or hung up on the wall.

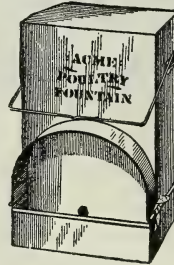
One gallon size, 65 cts.



POULTRY FOUNTAINS.

Prairie State Drinking Fountain.

Made of galvanized iron in two pieces. 1 qt., 25c.; 2 qts., 35c.; 4 qts., 50c. each.



Acme Sanitary Wall Drinking Fountains.

A distinct improvement over the old style, one piece tub fountain, in that it has a removable bottom and can be thoroughly cleaned.

Prices, ½ gall. size, 50 cts.; 1 gall. size, 75 cts.

Cups for Coops.

Made of heavy zinc. The cups are made to hang inside of exhibition coops or cages, and can be used for birds or small pet animals. Prices, ½ pint size, 15c.; quart size, 40c.

POULTRY FEEDERS.

Grit and Shell Box.

Made of heavy galvanized iron, with three compartments, for grit, oyster shell and charcoal. It is provided with a cover or lid, which protects the contents. The box may be suspended on the wall of the poultry building by the handle.

Prices, small size 50c.; large size 75c.



GALVANIZED

WIRE POULTRY NETTING.

This Netting comes in rolls 150 feet long. from 12 to 72 inches wide.

Price per roll on Netting 2 inches Mesh,
No. 19 Wire.

12 in. wide....	\$1.00	36 in. wide....	\$3.00
18 " " " " " "	1.50	48 " " " " " "	4.00
24 " " " " " "	2.00	60 " " " " " "	5.00
30 " " " " " "	2.50	72 " " " " " "	6.00

Price per roll on Netting 1 inch Mesh,
No. 20 Wire.

12 in. wide....	\$2.20	36 in. wide....	\$6.60
18 " " " " " "	3.30	48 " " " " " "	8.80
24 " " " " " "	4.40	60 " " " " " "	11.00
30 " " " " " "	5.50	72 " " " " " "	13.25

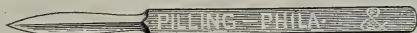
We also furnish Netting in larger and smaller meshes and heavier gauge wire.

China Nest Eggs.

With these eggs there is no danger of getting stale eggs mixed with the fresh ones, nor of the hens breaking them and acquiring the habit of egg eating. 2 for 5 cents, 12 for 25 cents, \$2.50 per gross.

POULTRY SUPPLIES.

PILLING FRENCH POULTRY KILLING KNIFE.



Every poultry raiser should have one of our Killing Knives. They are made of a finely tempered instrument steel, with nickel handle; will last a life time. 50 cents.

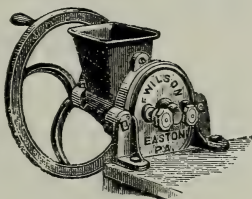
FARMERS' CAPONIZING SET.



Price, complete, with instructions in velvet lined case, \$3.00 per set prepaid.
Gape Worm Extractor. Each 25 cts.
Pilling Fowl Catcher. Each 20 cts.
Pilling Duplex Poultry Marker. Gives you two markers for the price of one in two sizes. Each 25 cts.

GRINDING MILL.

This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc. No. 1, without legs, \$5; No. 1, with legs, \$7.00.



DOUBLE CLINCH LEG BANDS.



This is one of the most popular flat bands on the market; made in aluminum, it has an exceptionally strong fastening, consisting of two clinches which close down over the ends of the band in such a way as to make it practically impossible to lose them off. 12 for 15c., 25 for 25c., 50 for 40c., 100 for 65c.

LEADER ADJUSTABLE LEG BANDS



Has neat, most compact and smooth fastening. Easily attached, absolutely secure and has no catching points.

Made in two sizes: No. 1 for Bantams or Mediterraneans, No. 2 for Americans to Asiatics and Turkeys. 12 for 15c., 25 for 25c., 50 for 40c., 100 for 70c.

SPIR-OL[®] LEG BANDS



Black, White, Blue, Pink
Amber and Ruby

These are made of 1/4-inch round celluloid. Three sizes, 5/8 inch for Plymouth Rocks, etc., 1/2 inch for Leghorns, etc., and a lighter weight band for Bantams and Pigeons. Price, 12 for 25c., 25 for 50c., 50 for 90c., 100 for \$1.50.

CONKEY'S STOCK AND DOG REMEDIES.

CONKEY'S DISTEMPER REMEDY.

A boon to dog lovers. Has given entire satisfaction even in extreme cases. Price 50 cents.

CONKEY'S DOG TONIC.

For dogs run down, off feed, etc. Brings them quickly to condition. Price 50 cents.

CONKEY'S FLY KNOCKER.

Fly Knocker is sprayed directly on the animals, or can be applied with a cloth. It both kills the flies and drives others away. It will rid your stables of flies and will give the tails a rest. It is positively harmless. Prices, 1 qt. 35c.; 2 qts. 60c.; 1 gall. \$1.00.

CONKEY'S MANGE REMEDY.

For Dogs, Cats and other animals. An absolute cure if direction are closely followed. Price 50 cts.

CONKEY'S WORM DROPS FOR DOGS.

Remove worms without injury to grown dogs or young puppies. Price, 50 cts.

CONKEY'S HEALING POWDER.

A wonderful gall cure. For galls, sore backs, chafes, sores and wounds. A perfect dressing for surgical cases. Price, 50 cts.



Disinfecting Fluid. For stables, dog kennels, poultry houses	Gall.	5 Gall.
Pinenew. Unexcelled as a germicide, insecticide and cleanser	\$1.75	\$8.00
Tarboleum. A cheap disinfectant and deodorizer.....	1.65	7.50
Sheep Dip. Non-poisonous and does not stain the wool....	1.25	5.50
	....	1.25



CONKEY'S POULTRY REMEDIES.



Cholera Remedy.

A reliable remedy for indigestion, sour crop, bowel trouble, and all ailments of the digestive organs. Price, 25 cents.

Head Lice Ointment.

A valuable cure for lice on chicken heads; non-poisonous. Price, 25 cents.

Gape Remedy.

A sure remedy for the deadly disease. It is guaranteed to give satisfaction. Given occasionally in the feed it will be found an excellent preventive. Price, 50 cents.



Limber Neck Remedy.

This is a specific cure for this disease, which is caused by chicken eating decomposing animal matter. Price, 50 cents.

Scaly Leg Remedy.

A combination wash and ointment that is a guaranteed cure for this disease. Price 50 cts.

White Diarrhoea Remedy.

This is one of the greatest aids to the poultryman of any known remedy put out. Price, 50 cents.

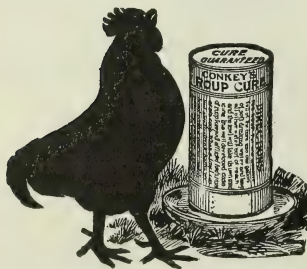
Poultry Tonic.

A remedy especially valuable for fowls run down, off feed, recovering from disease, or during moulting season. It is also excellent for little chicks which do not seem to thrive. It is a general invigorator, quickly bringing birds to a normal condition.

Price, 25 cents.



Roup Remedy.



unequalled for canker. Price, 25c., 50c. and \$1.00.

Guaranteed by the manufacturers to cure Roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds, and is



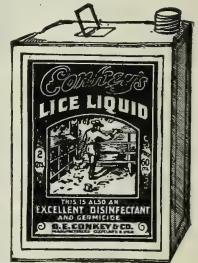
Lice Powder.

The strongest and most effective powder on the market, and is absolutely harmless to the fowls. It does not simply make the lice move, but it kills the lice the moment it is applied. It will kill lice on poultry, cattle, horses, fleas on dogs, and vermin of all kinds. 15 oz. pkg. 25c.; 48 oz. pkg. 50c.

Lice Liquid.

There is no powder made that will entirely rid you of the Mite, and until you are rid of him he will multiply until every fowl you have is rendered useless or dies from exhaustion. It will immediately destroy these terrible pests, and will rid your poultry house of its greatest profit killer.

Prices, 1 qt. 35c.; 2 qts. 60c.; 1 gall. \$1.00.



Conkey's Nox-I-Cide.

A soluble disinfectant, deodorant and germ destroyer. It mixes with water, one gallon making 101 gallons of ready-to-use liquid. For poultry, it is an unexcelled article for cleaning and purifying the houses, runs, brooders, founts, and utensils. Pint 35 cts.; qt. 60 cts.; gallon \$1.50.



Laying Tonic.

This will increase egg production. It is not a food in itself and should be mixed with other foods as directed.

Prices, 1½ lb. pkg. 25 cts.; 3¼ lb. pkg. 50 cts.; 7 lbs. \$1.00; 25 lb. pail \$3.00.

Chicken Pox Remedy.

This remedy will wipe out this disgusting disease everytime. Price 50 cts.

Rat Corn.

A safe and sure exterminator of Rats and Mice. This is not a poison and can be used without fear when other animals are around. No smell from the dead rats is detected, as the bodies dry up after death. Full directions with each package. Box, 25 cents.



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F A R M O G E R M.

HIGH-BRED NITROGEN FIXING BACTERIA.

ALL THE NITRATES YOU NEED FOR \$2.00 PER ACRE. REDUCE YOUR FERTILIZER BILL 75%.

The use of Farmogerm on the seeds of Peas, Beans, Clovers, Alfalfa, and all other legumes means an earlier and bigger crop and a large amount of Nitrates added to the soil to benefit future crops of other kinds. Ready to use simply by moistening the seeds before planting.

Raise the biggest and best crop of peas, beans, sweet peas, clovers, alfalfa or vetches you ever had.

Improve your land by the use of Farmogerm High-Bred Bacteria which add nitrogen to the soil for future crops.

Prepared for: Alfalfa, Canadian Field Peas, Garden Beans, Cow Peas, Clover, Soy Beans, Garden Peas, Vetch.

In garden sizes, 25c and 50c. each. In acre sizes, \$2.00 per acre.

In ordering state what legume you wish to plant.

It is impossible to explain this subject fully on a single page of our catalogue. Write for special circular.



FERTILIZERS

DAVIDGE'S BONE FERTILIZER FOR LAWNS AND GARDENS.

This manure is guaranteed to contain no acid or chemicals. It will grow any horticultural or vegetable crop, and is a substitute without its disagreeable features. We can highly recommend it for the garden, lawn or greenhouse.

For plants use a 7-inch pot to a large wheelbarrow of soil well mixed together. On land use 500 lbs. to the acre or 50 lbs. to 300 square feet of surface. For lawns use 100 lbs. to 500 square feet.

5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; ton, \$35.00.

BONE MEAL.

Sterling Brand.

A pure, finely pulverized form of ground bone, especially prepared for rose culture, top dressing for lawns, potted plants, and garden purposes. Price, 5 lbs., 30c.; 10 lbs., 50c.; 100 lbs., \$2.75; bag of 167 lbs., \$4.25; ton \$40.00.

BONE MEAL.

Pure Bone Dust.

This bone meal is made from the best quality of bone and finely pulverized. It is absolutely pure and contains every ingredient without extraction. Price, 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.50; ton, \$45.00.

BONE, CRUSHED.

A coarse grade, well adapted for grape vine borders. Price, 100 lbs., \$3.50; ton, \$60.00.

BLOOD AND BONE.

It is of value for garden crops, fruit trees, grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 100 lbs., \$2.50; 200 lbs., \$4.50; ton, \$45.00.

BONARBOR.

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruit and shade trees, lawns, etc. ½ lb. pkg., 25c.; 1 lb. pkg., 40c.; 5 lb. pkg., \$1.75.

CLAY'S FERTILIZER.

This is one of the best manures for all horticultural purposes, either in greenhouse or garden. It is productive and lasting. 8 lbs., \$2.25; 56 lb. bag, \$4.00; 112 lb. bag, \$7.00.

DRIED BLOOD.

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs., \$4.00; ton, \$65.00.

EVERGREEN FERTILIZER.

Specially prepared for Flowers, Lawns and Garden use. In 12 lb. cans. \$2.00 each. 50 lbs., \$8.50. 100 lbs., \$16.00.

LAND PLASTER OR GYPSUM.

An excellent addition to land for such crops as require lime and sulphates, particularly turnips, potatoes, grasses, etc. 10 lbs., 40c.; 50 lbs., \$1.00; 100 lbs., \$1.50; ton, \$15.00.

LIME, AGRICULTURAL.

Useful for sour land and alfalfa. 100 lbs., \$1.00; ton, \$15.00.

LIMESTONE, GROUND.

Per ton, \$4.00 f. o. b. factory.

LIME, UNSLACKED.

Used for sweetening sour soils, and alfalfa. Per Bbl., \$2.00; ton, \$20.00.

MURIATE OF POTASH.

A high grade fertilizer, and one of the best for use, and general stimulator. 10 lbs., \$1.00; 100 lbs., \$5.00.

NITRATE OF SODA.

It is valuable for grain, corn, beets, potatoes, grasses, peas, beans, clover, etc. Being extremely soluble, it should not be applied until the plants are above ground, using 100 to 500 pounds per acre. 5 lbs., 35c.; 10 lbs., 60c.; 50 lbs., \$3.00; 100 lbs., \$5.00.

PULVERIZED SHEEP MANURE.

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5 lb. package, 25c.; 10 lbs., 50c.; 50 lbs., \$1.25; 100 lbs., \$2.00; ton, \$35.00.

SHEEP MANURE, NATURAL.

Composed of sheep droppings, makes a fine liquid manure or top dressing fertilizer. 100 lbs., \$2.50; ton, \$40.00.

SALT, AGRICULTURAL.

Used for top dressing asparagus beds, etc. Should be used in the Spring. 100 lbs., \$1.50; 200 lbs., \$3.00.

SOOT, IMPORTED SCOTCH.

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms when mixed in the surface of the soil. Bag of 100 lbs. \$5.00.

SULPHATE OF AMMONIA.

One of the purest and most lasting fertilizers. 100 lbs., \$1.00; 100 lbs., \$7.50.

THOMPSON'S CHRYSANTHEMUM MANURE.

A special top dressing of unusual merit. 28 lbs., \$4.50; 56 lbs., \$7.50; 112 lbs., \$14.00.

THOMPSON'S VINE AND PLANT MANURE.

A well known English fertilizer. 56 lbs., \$4.00; 112 lbs., \$7.00.

WOOD ASHES, UNLEACHED.

For lawns, gardens and fruits, Hardwood Ashes are unequalled. Clean, free from offensive odor and destroy many insects which are so injurious. Apply 3,000 lbs. per acre. 100 lbs., \$1.50; ton, (2,000 lbs.), \$23.00.

SPECIAL TRUCK FERTILIZER.

For all kinds of Vegetables. Analysis 4—8—7%. Per ton, \$45.00.

GENERAL TRUCK FERTILIZER.

For Potatoes and Vegetables. Analysis 2—7—7%. Per ton, \$35.00.

CORN AND CEREAL FERTILIZER.

Analysis 2—6—3%. Per ton, \$30.00.

INSECTICIDES

APHINE. This liquid insecticide will kill plant lice of every species. Quart, \$1.00; gal., \$2.50.

ANT DESTROYER. A non-poisonous powder. Will destroy or drive away black ants. $\frac{1}{4}$ lb., 25c.; $\frac{1}{2}$ lb., 40c.; 1 lb., 75c.

APHIS PUNK. The most convenient way of applying an insecticide ever yet devised. 60c. per box of 12 rolls; case of 12 boxes, \$7.00.

ARSENATE OF LEAD. For spraying all kinds of trees. Kills the Rose bugs and Elm beetle. Dilute 1 lb. to 20 gals. water. Per lb., 25c.; 5 lbs., \$1.00; 25 lbs., \$3.75.

BORDEAUX MIXTURE. A reliable remedy for the prevention of fungus and fungoid diseases.

Liquid, qt., 35c.; gal., \$1.10; 5 gals., \$5.00.
Dry form, 1 lb. box, 20c.

BUG DEATH. Is extensively used for cabbage and tomato worms, potato and cucumber bugs. 1 lb., 15c.; 3 lbs., 35c.; 5 lbs., 50c.; 12½ lbs., \$1.00; 100 lbs., \$7.50.

COPPER SOLUTION. For Mildew, Pear and Apple Scab, rust on Carnations and Violets. Gal., \$1.50.

CUT WORM FOOD. For destroying cut worms. 1 lb. pkg., 25c.; 5 lbs., \$1.00.

FIR TREE OIL. For greenhouse and house plants. It destroys all plant insects without injuring the plants. Pt., 75c.; qt., \$1.40; $\frac{1}{2}$ gal., \$2.50; 1 gal., \$4.50.

FIR TREE OIL SOAP. Useful on greenhouse and garden plants, killing red spiders, mealy bug, aphids, etc. $\frac{1}{2}$ lb. tin, 25c.; 2 lbs., 75c.; 5 lbs., \$1.75.

FORMALDEHYDE. A useful fungicide for Potato Scab, Rosette in Lettuce, Onion Smut and fungus in soils. Per lb., 35c.

FUNGINE. An infallible remedy for mildew and other fungus diseases. Gal., \$2.00.

GISHURST COMPOUND. An English preparation for greenfly, scale, mealy bug, red spider, etc. 1 lb. box, 50c.

GRAPE DUST. For the prevention of mildew on roses, grapes, gooseberries, etc. 5 lb. pkg., 35c.; 100 lb. keg, \$6.00.

HELLEBORE POWDER. For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; 1 lb., 25c.; 5 lbs., \$1.00.

IMP SPRAY SOAP. Mix with 12 parts of water for spraying. Gal., \$1.50.

KEROSENE EMULSION. The best insecticide for general use on all plants, doors or out. Qt., 30c.; gal., \$1.00; 5 gals., \$3.50.

LEMON OIL. For destroying mealy bugs, scale, thrip, red spider, etc. $\frac{1}{2}$ pt., 25c.; 1 pt., 40c.; qt., 75c.; $\frac{1}{2}$ gal., \$1.25; 1 gal., \$2.25.

LIME SULPHUR SOLUTION. For spraying fruit trees. Gal., 60c.; 5 gals., \$2.25.

NICO FUME LIQUID. For spraying or fumigating. Does not stain or injure the blooms. $\frac{1}{4}$ pt., 50c.; 1 pt., \$1.50; $\frac{1}{2}$ gal., \$5.50; 1 gal., \$10.50.

NICO FUME PAPER. Extra strong tobacco paper for burning. 24 sheets, 75c.; 144 sheets, \$3.50; 288 sheets, \$6.50.

NIKOTEN. A thorough exterminator of mealy bug, thrip, lice and all insects affecting plant life. $\frac{1}{4}$ pint, 40c.; 1 pint, \$1.50.

NICOTICIDE. Fumigating compound. A certain destroyer of all greenhouse bugs. One pint sufficient for 32,000 cubic feet. Pint, \$2.50; qt., \$4.50; 1 gal., \$15.00.

Fumigators for above. 60c. and 75c. each.

PARIS GREEN. For potato bugs, etc. $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; 1 lb., 30c.

SCALECIDE. For San Jose scale and spraying all kinds of trees. Can be prepared in an instant by adding one gallon of Scalecide to 15 or 20 gallons of water. 1 gal. can, \$1.00; 5 gals., \$4.00; 10 gals., \$7.50; 50 gals., \$25.00.

SCALINE. A scalecide, insecticide and fungicide combined. Gal., \$1.50; 5 gals., \$6.25; 10 gals., \$10.00; bbl. (50 gals.), \$37.50.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. 1 lb. cartons, 15c.; 5 lb. pkg., 30c.; 10 lbs., 60c.; keg of 125 lbs., \$7.50.

SLUG SHOT DUSTER. Each, 35 cts.

SULPHUR, Powdered. A staple preventive for mildew on grapes, roses, etc. Lb., 10c.; 10 lbs., 60c.; 25 lbs. and over, 5c. per lb.

SULTAR INSECTICIDE. A valuable disinfectant and insecticide. Will remove green from greenhouse walks with one application and all insect life from benches, also useful for spraying chicken houses, dog kennels, etc. Per gal., \$3.00.

TOBACCO DUST. Destroys rose lice, cabbage and turnip fleas, etc. Lb., 10c.; 5 lbs., 35c.; 10 lbs., 60c.; 100 lbs., \$3.00.

TOBACCO DUST FUMIGATING. Used for burning in place of stems. 10 lbs., 60c.; 50 lbs., \$2.00; 100 lbs., \$3.50.

TOBACCO DUST. "Tip Top," for dusting. 50 lb. bag, \$2.25; 100 lbs., \$4.00.

TOBACCO DUST. "Tip Top" Fumigating kind. 50 lb. bag, \$2.25; 100 lbs., \$4.00.

TOBACCO STEMS FOR FUMIGATING. Clean and free from rubbish. In bales of 100 lbs., \$1.75 each; 300 lbs., \$4.50.

WHALE-OIL SOAP. Kills insects and eggs on trees and plants. 1 lb., 15c.; 3 lbs., 40c.

WILSON'S PLANT OIL. For killing scales on palms and other plants. Qt. can, 75c.; gal., \$2.00.

WORM ERADICATOR. "Radix" for destroying worms in flower pots, lawns, tennis courts, etc. Dry form, 1 lb. box, 50 cts. Liquid form, 1 gal., \$2.00; 10 gals., \$17.50 per gallon.

X. L. ALL LIQUID INSECTICIDE. For spraying. Harmless to very delicate plants; kills all insect pests. Pt., 65c.; qt., \$1.00; $\frac{1}{2}$ gal., \$1.75; 1 gal., \$3.50.

Aphine

*The Insecticide that
kills plant Lice
of every species.*

Is effective against all soft bodied and plant sucking insects such as green, black, white fly; red spider, thrips, mealy bug, brown and white scale, current and cabbage worms, etc. Used as a spray, wash or dipping solutions at proportions as directed on each can. A recognized standard insecticide endorsed by professional and commercial growers of reputation. Effective indoors and out-of-doors. An excellent cleanser for decorative stock.

Prices: Gill, 25 cts.; half pint, 40 cts.; pint, 65 cts.; quart, \$1.00; gallon, \$2.50.

FUNGINE

This well known fungicide has proved itself an infallible remedy for mildew, rust, wilt, bench rot and other blights effecting flowers, fruits and vegetables. It is equally effective under glass and out-of-doors. A sulphur composition which, diluted with water, contains no sediment and, unlike lime and sulphur and Bordeaux, does not stain the foliage but cleanses it. One gallon makes fifty gallons spraying material.

Prices: Half pint, 30 cts.; pint, 50 cts.; quart, 75 cts.; gallon, \$2.00; ten gallon keg, \$15.00.

SCALINE

A scalecide, insecticide and fungicide combined—three in one—which is composed of a high-grade petroleum combined with the properties of our fungicide Fungine. Can be applied in the growing season as safely as in the dormant season to all trees, shrubs and hardy plants. It is used at a strength of one to twenty parts water for scale; one to fifty parts water for other sap sucking insects. Scaline is an effective winter spray for San Jose and other scale; a summer spray for aphids, thrips, red spider and the various fungi effecting trees and shrubbery. Mixing readily with water, containing no sediment, it can be applied with the finest spray nozzle.

Prices: Quart, 75 cts.; gallon, \$1.50; five gallon keg, \$6.25; ten gallon keg, \$10.00; barrel (fifty gallons), \$37.50.

VERMINE

A germicide and soil sterilizer for all soil vermin such as eel, cut, wire and grub worms, slugs, root lice, maggots, and ants. Can be used in the greenhouse, garden and field. One part Vermine to four hundred parts water, thoroughly soaking the ground, does its work effectively without the slightest injury to vegetation and protects your crops and lawns against the ravages under the soil. It will rid your benches of the worms and maggots and will not injure the plants. A most effective remedy against the white red-headed grub which is doing so much damage to lawns and crops. An excellent material for ridding tennis courts and golf links of worms and other soil vermin.

Prices: Gill, 25 cts.; half pint, 40 cts.; pint, 65 cts.; quart, \$1.00; gallon, \$3.00; five gallon keg, \$12.50.

PLANTING TABLE FOR VICINITY OF NEW YORK.

MARCH	APRIL	MAY	JUNE	JULY
IN HOTBED	IN HOTBED	IN GARDEN	IN GARDEN	IN GARDEN
Beans	Cucumber	Artichoke	Beans, all sorts	Beans
Beets	Egg-Plant	Asparagus	Beets	Beets
Early Cabbage	Melon	Beans, Bush	Broccoli	Carrot
Carrot	Pepper	“ Running	Brussels Sprouts	Sweet Corn
Cauliflower	Tomato	Beets	Late Cabbage	Corn Salad
Celery		Carrot	Carrot	Cress
Egg-Plant	IN GARDEN	Cauliflower	Cauliflower	Cucumber
Kohlrabi	Asparagus	Celery	Sweet Corn	Endive
Lettuce	Beets	Sweet Corn	Cucumber	Kale
Parsley	Early Cabbage	Cucumber	Endive	Kohlrabi
Pepper	Carrot	Kohlrabi	Kale	Lettuce
Radish	Cauliflower	Leek	Kohlrabi	Okra
Tomato	Celery	Lettuce	Lettuce	Early Peas
	Kohlrabi	Melon	Melon	Pumpkin
IN GARDEN	Lettuce	Onion	Nasturtium	Radish
Beets	Onion	Parsley	Okra	Spinach
Carrot	Parsley	Peas	Peas	Squash
Leek	Parsnip	Potatoes	Potatoes	Turnip
Onion	Peas	Radish	Pumpkin	Ruta-Baga
Peas	Potatoes	Salsify	Radish	
Potatoes	Radish	Spinach	Salsify	
Radish	Spinach	Turnip	Spinach	
Spinach	Turnip	Herbs	Squash	
Turnip			Herbs	
AUGUST IN GARDEN			SEPTEMBER	
Beans, Bush	Welsh Onion	Radish	Corn	Radish
Corn Salad	Lettuce	Spinach	Salad	Spinach
Endive	Early Peas	Turnip	Lettuce	Turnip

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WEED KILLERS.

Weedicide. Valuable for killing weeds on walks, court yards, drives, etc. One gallon dilutes to 15 or 20 gallons of water. Saves many times its cost in labor, and more effective. Gal., \$1.00; 5 gals., \$4.00.

Sterlingworth Weed Killer. In powder form, to be dissolved in water. 1 lb. makes 15 gallons, sufficient for 50 square yards. 1 lb. pkg., 50c.; 3 lb. pkg., \$1.25; 5 lb. pkg., \$2.00.

Herbicide. Mix one part to twenty parts of water. ½ gal., \$1.25; 1 gal., \$2.25; 5 gals., \$7.50.



1913

MARSHALL'S

SEEDS